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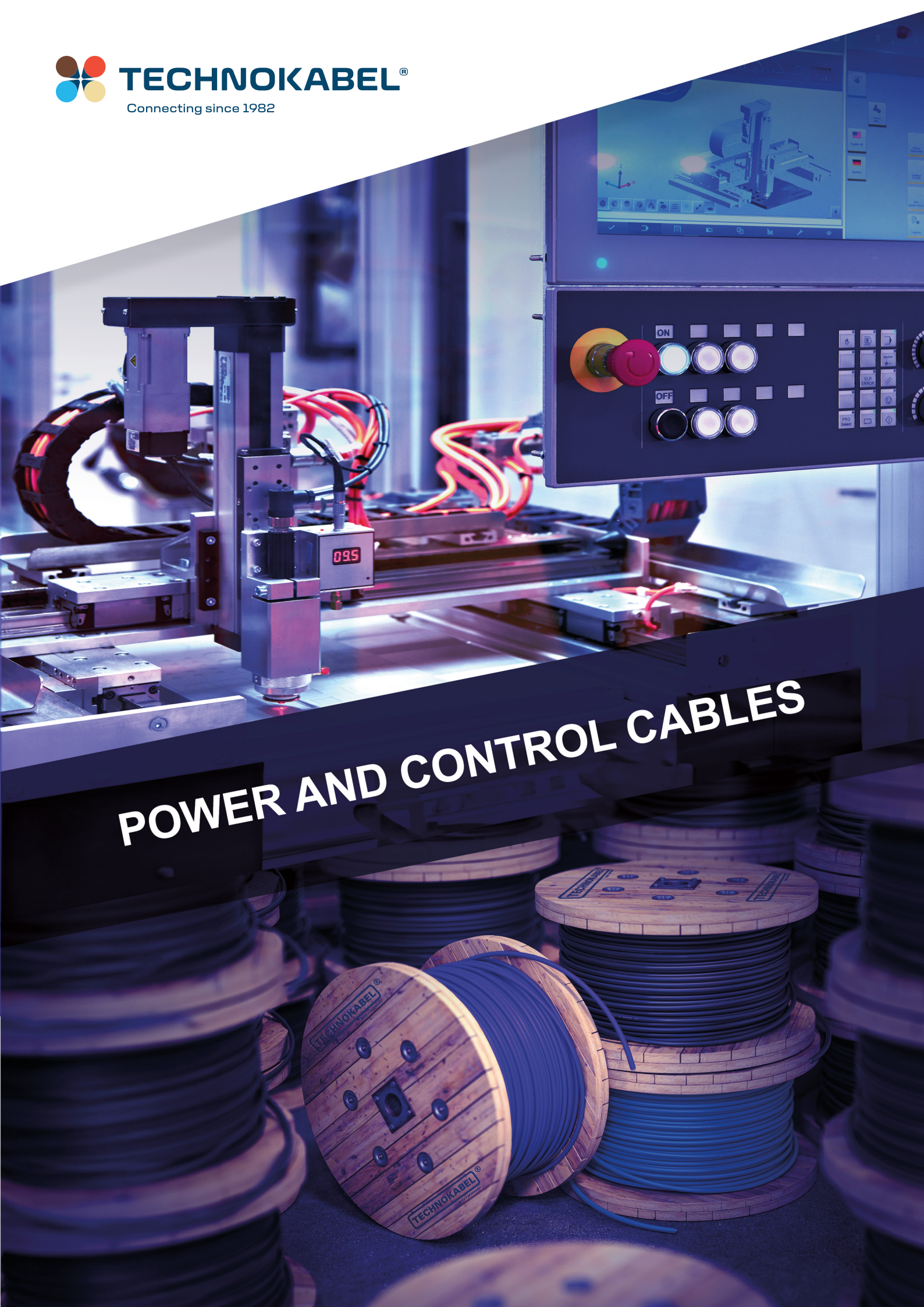

POWER AND CONTROL CABLES

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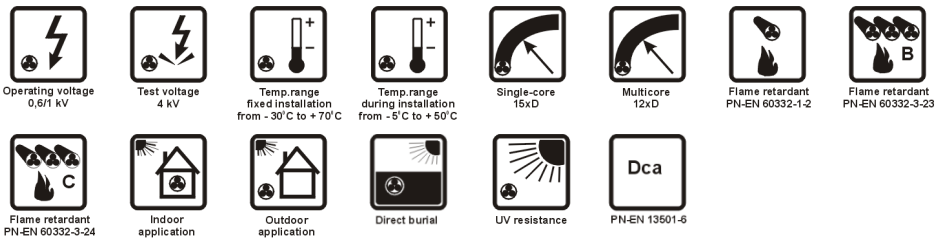
RoHS COMPLIANT CE

CONTENTS

YnKXSżo 0,6/1 kV, YnKXS 0,6/1 kV



APPLICATIONS

YnKXSżo 0,6/1 kV and **YnKXS 0,6/1 kV** power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- cross-linked polyethylene (XLPE) insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YnKXSżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- black PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

YKXSżo-O 0,6/1 kV and **YKXS-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKXSżo 0,6/1 kV and **XnKXS 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

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RoHS COMPLIANT CE

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
> 25 mm^2	PN-EN 60332-3-23, IEC 60332-3-23
< 25 mm^2	PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Dca-s3,d2,a3
DoP declarations are avalible at	www.technokabel.com.pl

The cable meets requirements of the low voltage direction 2014/35/EU

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C. maximum	Copper index	Cable weight (appr.)
	mm^2	mm	Ω/km	kg/km	kg/km
		YnKXS 0,6/1 kV			
0876 032	1x1,0 RE	4.8	18.1	9.6	36
0876 033	1x1,5 RE	5.1	12.1	14.4	43
0876 034	1x2,5 RE	5.5	7.41	24.0	54
0876 035	1x4 RE	5.9	4.61	38.4	70
0876 036	1x6 RE	6.5	3.08	57.6	91
0876 037	1x10 RE	7.2	1.83	96.0	133
0876 038	1x16 RE	8.1	1.15	153.6	191
0876 024	1x25 RM	10.0	0.727	240.0	286
0876 039	1x35 RM	11.0	0.524	336.0	379
0876 040	1x50 RM	12.4	0.387	480.0	505
0876 020	1x70 RM	14.4	0.268	672.0	712
0876 023	1x95 RM	16.3	0.193	912.0	1005
0876 006	1x120 RM	18.0	0.153	1152	1198
0876 021	1x150 RM	20.1	0.124	1440	1503
0876 025	1x185 RM	22.5	0.0991	1776	1874
0876 015	1x240 RM	25.1	0.0754	2304	2434
0876 026	1x300 RM	27.1	0.0601	2880	2954
0876 027	1x400 RM	30.3	0.0470	3840	4022
0876 013	1x500 RM	33.7	0.0366	4800	5028
		YnKXS 0,6/1 kV			
0876 018	2x1,0 RE	7.7	18.1	19.2	88

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C. maximum	Copper index	Cable weight (appr.)
	mm^2	mm	Ω/km	kg/km	kg/km
0876 001	2x1,5 RE	8.2	12.1	28.8	104
0876 030	2x2,5 RE	9.0	7.41	48.0	134
0876 016	2x4 RE	9.9	4.61	76.8	176
0876 031	2x6 RE	10.9	3.08	115.2	229
0876 041	2x10 RE	12.5	1.83	192.0	331
0876 042	2x16 RE	14.8	1.15	307.2	501
0876 029	2x25 RM	18.5	0.727	480.0	768
0876 028	2x35 RM	20.6	0.524	672.0	1005
0876 051	2x50 RM	23.5	0.268	960.0	1343
0876 052	2x70 RM	27.4	0.193	1344	1881
0876 044	2x95 RM	31.1	0.153	1824	2599
		YnKXSżo 0,6/1 kV			
0921 046	3x1,0 RE	8.1	18.1	28.8	100
0921 017	3x1,5 RE	8.6	12.1	43.2	120
0921 008	3x2,5 RE	9.4	7.41	72.0	157
0921 007	3x4 RE	10.4	4.61	115.2	212
0921 018	3x6 RE	11.5	3.08	172.8	282
0921 009	3x10 RE	13.2	1.83	288.0	417
0921 010	3x16 RE	15.7	1.15	460.8	638
0921 030	3x25 RM	19.7	0.727	720.0	978
0921 044	3x35 RM	22.0	0.524	1008	1295
0921 048	3x50 SM	23.1	0.387	1440	1740

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C. maximum	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
0921 049	3x70 SM	27.0	0.268	2016	2212
0921 050	3x95 SM	30.7	0.193	2736	3089
0921 051	3x120 SM	34.4	0.153	3456	3750
0921 052	3x150 SM	38.6	0.124	4320	4716
0921 053	3x185 SM	43.2	0.0991	5328	5884
0921 054	3x240 SM	48.3	0.0754	6912	7606
	YnKXSżo 0,6/1 kV				
0921 055	4x1,0 RE	8.7	18.1	38.4	116
0921 020	4x1,5 RE	9.3	12.1	57.6	143
0921 004	4x2,5 RE	10.2	7.41	96.0	189
0921 001	4x4 RE	11.3	4.61	153.6	260
0921 002	4x6 RE	12.5	3.08	230.4	348
0921 011	4x10 RE	14.4	1.83	384.0	522
0921 006	4x16 RE	17.1	1.15	614.4	798
0921 013	4x25 RM	21.6	0.727	960.0	1228
0921 014	4x35 RM	24.4	0.524	1344	1647
0921 056	4x50 SM	25.6	0.387	1920	2216
0921 057	4x70 SM	30.0	0.268	2688	2822
0921 058	4x95 SM	34.4	0.193	3648	3990
0921 059	4x120 SM	38.5	0.153	4608	4823
0921 060	4x150 SM	42.9	0.124	5760	6032
0921 061	4x185 SM	48.2	0.0991	7104	7552
0921 062	4x240 SM	53.8	0.0754	9216	9773
	YnKXSżo 0,6/1 kV				
0921 063	5x1,0 RE	9.3	18.1	48.0	135
0921 033	5x1,5 RE	10.0	12.1	72.0	167
0921 024	5x2,5 RE	11.0	7.41	120.0	225
0921 021	5x4 RE	12.3	4.61	192.0	311
0921 032	5x6 RE	13.6	3.08	288.0	419
0921 012	5x10 RE	15.8	1.83	480.0	634
0921 005	5x16 RE	18.7	1.15	768.0	968
0921 003	5x25 RM	24.0	0.727	1200	1509
0921 015	5x35 RM	27.0	0.524	1680	2021
0921 064	5x50 SM	28.4	0.387	2400	2727
0921 065	5x70 SM	33.7	0.268	3360	3506
0921 066	5x95 SM	38.4	0.193	4560	4930
0921 067	5x120 SM	42.6	0.153	5760	5928
0921 045	5x150 SM	47.7	0.124	7200	7446
0921 068	5x185 SM	53.6	0.0991	8880	9312
0921 069	5x240 SM	59.9	0.0754	11520	12059

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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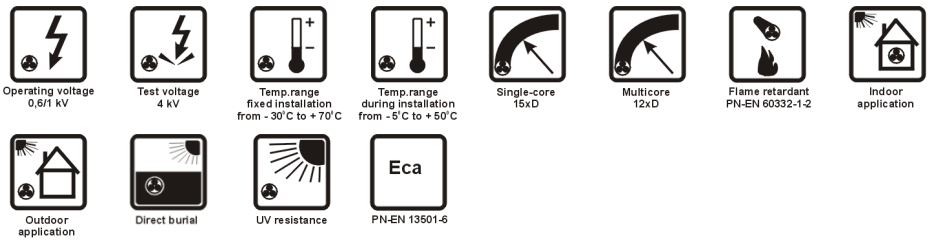
RoHS COMPLIANT

YKXSżo 0,6/1 kV, YKXS 0,6/1 kV



APPLICATIONS

YKXSżo 0,6/1 kV and **YKXS 0,6/1 kV** power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- cross-linked polyethylene (XLPE) insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKXSżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- black PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

YKXSżo-O 0,6/1 kV and **YKXS-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKXSżo 0,6/1 kV and **XnKXS 0,6/1 kV**- halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
	YKXS 0,6/1 kV				
0556 040	1x1,0 RE	4.8	18.1	9.6	36
0556 041	1x1,5 RE	5.1	12.1	14.4	43
0556 042	1x2,5 RE	5.4	7.41	24.0.0	54
0556 034	1x4 RE	5.9	4.61	38.4	70
0556 043	1x6 RE	6.4	38	57.6	91
0556 044	1x10 RE	7.2	1.83	96.0	133
0556 035	1x16 RE	8.1	1.15	153.6	191
0556 023	1x25 RM	10.0	0.727	240.0	286
0556 024	1x35 RM	11.0	0.524	336.0	379
0556 025	1x50 RM	12.4	0.387	480.0	505
0556 020	1x70 RM	14.4	0.268	672.0	712
0556 026	1x95 RM	16.3	0.193	912.0	1005
0556 018	1x120 RM	18.0	0.153	1152	1198
0556 021	1x150 RM	20.1	0.124	1440	1503
0556 015	1x185 RM	22.5	0.0991	1776	1874
0556 014	1x240 RM	25.1	0.0754	2304	2434
0556 022	1x300 RM	27.1	0.0601	2880	2954
0556 045	1x400 RM	30.3	0.0470	3840	4022
0556 046	1x500 RM	33.7	0.0366	4800	5028
	YKXS 0,6/1 kV				
0556 047	2x1,0 RE	7.7	18.1	19.2	88
0556 036	2x1,5 RE	8.2	12.1	28.8	104
0556 037	2x2,5 RE	9.0	7.41	48.0	134
0556 048	2x4 RE	9.9	4.61	76.8	176
0556 049	2x6 RE	10.9	38	115.2	229
0556 050	2x10 RE	12.5	1.83	192.0	331
0556 051	2x16 RE	14.8	1.15	307.2	501
0556 038	2x25 RM	18.5	0.727	480.0	768
0556 039	2x35 RM	20.6	0.524	672.0	1005
	YKXSżo 0,6/1 kV				
0622 025	3x1,0 RE	8.1	18.1	28.8	100
0622 004	3x1,5 RE	8.6	12.1	43.2	120
0622 001	3x2,5 RE	9.4	7.41	72.0	157
0622 026	3x4 RE	10.4	4.61	115.2	212
0622 008	3x6 RE	11.5	38.0	172.8	282
0622 007	3x10 RE	13.2	1.83	288.0	417
0622 009	3x16 RE	15.7	1.15	460.8	638
0622 024	3x25 RM	19.7	0.727	720.0	978
0622 014	3x35 RM	22.0	0.524	1008	1295
0622 027	3x50 SM	23.1	0.387	1440	1740
0622 028	3x70 SM	27.0	0.268	2016	2212
0622 029	3x95 SM	30.7	0.193	2736	3089
0622 030	3x120 SM	34.4	0.153	3456	3750
0622 031	3x150 SM	38.6	0.124	4320	4716
0622 032	3x185 SM	43.2	0.0991	5328	5884
0622 033	3x240 SM	48.3	0.0754	6912	7606
	YKXSżo 0,6/1 kV				
0622 034	4x1,0 RE	8.7	18.1	38.4	116
0622 023	4x1,5 RE	9.3	12.1	57.6	143

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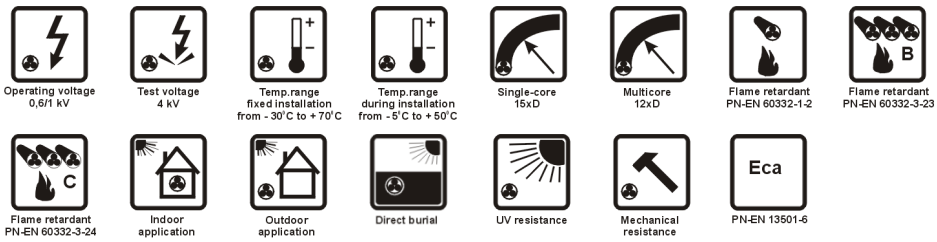
RoHS COMPLIANT CE

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
0622 035	4x2,5 RE	10.2	7.41	96.0	189
0622 010	4x4 RE	11.3	4.61	153.6	260
0622 011	4x6 RE	12.5	38.0	230.4	348
0622 006	4x10 RE	14.4	1.83	384.0	522
0622 036	4x16 RE	17.1	1.15	614.4	798
0622 037	4x25 RM	21.6	0.727	960.0	1228
0622 022	4x35 RM	24.4	0.524	1344	1647
0622 038	4x50 SM	25.6	0.387	1920	2216
0622 039	4x70 SM	30.0	0.268	2688	2822
0622 040	4x95 SM	34.4	0.193	3648	3990
0622 041	4x120 SM	38.5	0.153	4608	4823
0622 042	4x150 SM	42.9	0.124	5760	6032
0622 043	4x185 SM	48.2	0.0991	7104	7552
0622 044	4x240 SM	53.8	0.0754	9216	9773
	YKXSżo 0,6/1 kV				
0622 045	5x1,0 RE	9.3	18.1	48	135

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
0622 016	5x1,5 RE	10.0	12.1	72.0	167
0622 020	5x2,5 RE	11.0	7.41	120.0	225
0622 018	5x4 RE	12.3	4.61	192.0	311
0622 017	5x6 RE	13.6	38.0	288.0	419
0622 002	5x10 RE	15.8	1.83	480.0	634
0622 005	5x16 RE	18.7	1.15	768.0	968
0622 012	5x25 RM	24.0	0.727	1200	1509
0622 003	5x35 RM	27.0	0.524	1680	2021
0622 046	5x50 SM	28.4	0.387	2400	2727
0622 047	5x70 SM	33.7	0.268	3360	3506
0622 048	5x95 SM	38.4	0.193	4560	4930
0622 049	5x120 SM	42.6	0.153	5760	5928
0622 050	5x150 SM	47.7	0.124	7200	7446
0622 051	5x185 SM	53.6	0.0991	8880	9312
0622 052	5x240 SM	59.9	0.0754	11520	12059

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

YKXSFoynżo 0,6/1 kV, YKXSFoyn 0,6/1 kV



APPLICATIONS

YKXSFoynżo 0,6/1 kV and **YKXSFoyn 0,6/1 kV** armoured power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Galvanized steel wire armour provides carrying an axial load of the cable during installation and exploitation. It also offers enhanced protection against mechanical damages and rodent attack, as well as shielding properties.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- cross-linked polyethylene (XLPE) insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKXSFoynżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel wire armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKXSFoyżo-O 0,6/1 kV and **YKXSFoy-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKXSFoxnżo 0,6/1 kV and **XnKXSFoxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

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RoHS COMPLIANT CE

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter
Cable combustibillity	flame retardant

Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
> 25 mm²	PN-EN 60332-3-23, IEC 60332-3-23
< 25 mm²	PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at technokabel.com.pl	

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
YKXSFoyn 0,6/1 kV					
1802 002	2 x 1,0 RE	11.0	18.1	19.2	266
1802 003	2 x 1,5 RE	11.5	12.1	28.8	295
1802 004	2 x 2,5 RE	12.3	7.41	48.0	345
1802 005	2 x 4 RE	13.2	4.61	76.8	406
1802 001	2 x 6 RE	14.2	3.08	115.2	480
1802 006	2 x 10 RE	16.0	1.83	192.0	630
1802 007	2 x 16 RE	17.8	1.15	307.2	815
1802 008	2 x 25 RM	22.4	0.727	480.0	1316
1802 009	2 x 35 RM	25.2	0.524	672.0	1665
1802 010	2 x 50 RM	28.1	0.387	960.0	2085
1802 011	2 x 70 RM	32.6	0.268	1344	2919
1802 012	2 x 95 RM	36.7	0.193	1824	3808
1802 013	2 x 120 RM	40.5	0.153	2304	4522
1802 014	2 x 150 RM	45.6	0.124	2880	5831
1802 015	2 x 185 RM	50.6	0.0991	3552	7077
1802 016	2 x 240 RM	56.9	0.0754	4608	9348
YKXSFoynżo 0,6/1 kV					
1617 014	3 x 1,0 RE	11.4	18.1	28.8	290
1617 015	3 x 1,5 RE	11.9	12.1	43.2	318
1617 006	3 x 2,5 RE	12.7	7.41	72.0	374
1617 002	3 x 4 RE	13.7	4.61	115.2	450

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1617 003	3 x 6 RE	14.8	3.08	172.8	546
1617 016	3 x 10 RE	16.7	1.83	288.0	729
1617 004	3 x 16 RE	18.7	1.15	460.8	969
1617 010	3 x 25 RM	23.8	0.727	720.0	1573
1617 012	3 x 35 RM	26.8	0.524	1008	2009
1617 017	3 x 50 SM	27.3	0.387	1440	2533
1617 018	3 x 70 SM	32.2	0.268	2016	3246
1617 019	3 x 95 SM	35.9	0.193	2736	4251
1617 020	3 x 120 SM	40.3	0.153	3456	5324
1617 021	3 x 150 SM	44.7	0.124	4320	6526
1617 022	3 x 185 SM	50.5	0.0991	5328	8396
1617 023	3 x 240 SM	55.9	0.0754	6912	10481
YKXSFoynżo 0,6/1 kV					
1617 024	4 x 1,0 RE	12.0	18.1	38.4	319
1617 025	4 x 1,5 RE	12.6	12.1	57.6	358
1617 001	4 x 2,5 RE	13.5	7.41	96.0	425
1617 026	4 x 4 RE	14.6	4.61	153.6	516
1617 027	4 x 6 RE	16.0	3.08	230.4	645
1617 028	4 x 10 RE	17.9	1.83	384.0	860
1617 029	4 x 16 RE	21.0	1.15	614.4	1306
1617 030	4 x 25 RM	25.7	0.727	960.0	1874
1617 031	4 x 35 RM	29.0	0.524	1344	2427

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1617 032	4 x 50 SM	30.4	0.387	1920	3274
1617 033	4 x 70 SM	35.1	0.268	2688	3966
1617 034	4 x 95 SM	40.3	0.193	3648	5567
1617 035	4 x 120 SM	44.5	0.153	4608	6613
1617 036	4 x 150 SM	49.1	0.124	5760	8041
1617 037	4 x 185 SM	55.8	0.0991	7104	10432
1617 038	4 x 240 SM	61.3	0.0754	9216	12943
	YKXSFoynżo 0,6/1 kV				
1617 039	5 x 1,0 RE	12.6	18.1	48.0	351
1617 040	5 x 1,5 RE	13.3	12.1	72.0	397
1617 041	5 x 2,5 RE	14.3	7.41	120.0	474
1617 042	5 x 4 RE	15.8	4.61	192.0	601

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1617 007	5 x 6 RE	17.1	3.08	288.0	736
1617 008	5 x 10 RE	19.5	1.83	480.0	1015
1617 009	5 x 16 RE	22.6	1.15	768.0	1515
1617 011	5 x 25 RM	28.1	0.727	1200	2219
1617 013	5 x 35 RM	32.2	0.524	1680	3042
1617 043	5 x 50 SM	33.6	0.387	2400	3937
1617 044	5 x 70 SM	38.8	0.268	3360	4779
1617 045	5 x 95 SM	44.4	0.193	4560	6719
1617 046	5 x 120 SM	48.7	0.153	5760	7911
1617 047	5 x 150 SM	55.2	0.124	7200	10257
1617 048	5 x 185 SM	61.1	0.0991	8880	12444
1617 049	5 x 240 SM	68.5	0.0754	11520	16369

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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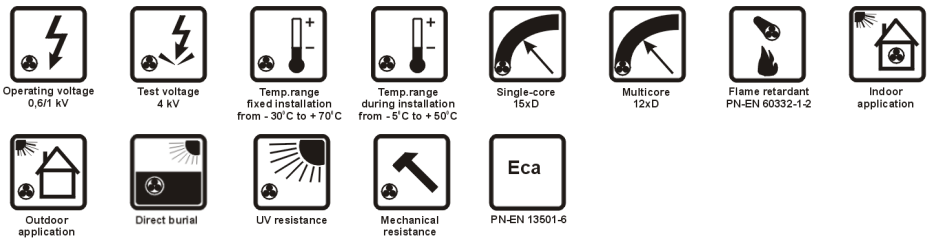
YKXSFoyżo 0,6/1 kV, YKXSFoy 0,6/1 kV



APPLICATIONS

YKXSFoyżo 0,6/1 kV and **YKXSFoy 0,6/1 kV** armoured power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Galvanized steel wire armour provides carrying an axial load of the cable during installation and exploitation. It also offers enhanced protection against mechanical damages and rodent attack, as well as shielding properties.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- cross-linked polyethylene (XLPE) insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKXSFoyżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel wire armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKXSFoyżo-O 0,6/1 kV and **YKXSFoy-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKXSFoxnżo 0,6/1 kV and **XnKXSFoxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

Minimum bending radius

single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
YKXSFoy 0,6/1 kV					
1354 011	2 x 1,0 RE	11.0	18.1	19.2	266
1354 012	2 x 1,5 RE	11.5	12.1	28.8	295
1354 010	2 x 2,5 RE	12.3	7.41	48.0	345
1354 013	2 x 4 RE	13.2	4.61	76.8	406
1354 014	2 x 6 RE	14.2	38.0	115.2	480
1354 015	2 x 10 RE	16.0	1.83	192.0	630
1354 016	2 x 16 RE	17.8	1.15	307.2	815
1354 017	2 x 25 RM	22.4	0.727	480.0	1316
1354 018	2 x 35 RM	25.2	0.524	672.0	1665
1354 019	2 x 50 RM	28.1	0.387	960.0	2085
1354 020	2 x 70 RM	32.6	0.268	1344	2919
1354 021	2 x 95 RM	36.8	0.193	1824	3808
1354 022	2 x 120 RM	40.5	0.153	2304	4522
1354 023	2 x 150 RM	45.6	0.124	2880	5831
1354 024	2 x 185 RM	50.6	0.0991	3552	7077
1354 025	2 x 240 RM	56.9	0.0754	4608	9348
YKXSFoyżo 0,6/1 kV					
1366 006	3 x 1,0 RE	11.4	18.1	28.8	290
1366 013	3 x 1,5 RE	11.9	12.1	43.2	318
1366 008	3 x 2,5 RE	12.7	7.41	72.0	374
1366 014	3 x 4 RE	13.7	4.61	115.2	450
1366 015	3 x 6 RE	14.8	38.0	172.8	546
1366 011	3 x 10 RE	16.7	1.83	288.0	729

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1366 016	3 x 16 RE	18.7	1.15	460.8	969
1366 001	3 x 25 RM	23.8	0.727	720.0	1573
1366 017	3 x 35 RM	26.8	0.524	1008	2009
1366 018	3 x 50 SM	27.3	0.387	1440	2533
1366 019	3 x 70 SM	32.2	0.268	2016	3246
1366 020	3 x 95 SM	35.9	0.193	2736	4251
1366 021	3 x 120 SM	40.3	0.153	3456	5324
1366 022	3 x 150 SM	44.7	0.124	4320	6526
1366 023	3 x 185 SM	50.5	0.0991	5328	8396
1366 024	3 x 240 SM	55.9	0.0754	6912	10481
YKXSFoyżo 0,6/1 kV					
1366 025	4 x 1,0 RE	12.0	18.1	38.4	319
1366 026	4 x 1,5 RE	12.6	12.1	57.6	358
1366 009	4 x 2,5 RE	13.5	7.41	96.0	425
1366 010	4 x 4 RE	14.6	4.61	153.6	516
1366 027	4 x 6 RE	16.0	38.0	230.4	645
1366 028	4 x 10 RE	17.9	1.83	384.0	860
1366 029	4 x 16 RE	21.0	1.15	614.4	1306
1366 012	4 x 25 RM	25.7	0.727	960.0	1874
1366 030	4 x 35 RM	29.0	0.524	1344	2427
1366 031	4 x 50 SM	30.4	0.387	1920	3274
1366 032	4 x 70 SM	35.1	0.268	2688	3966
1366 033	4 x 95 SM	40.3	0.193	3648	5567
1366 034	4 x 120 SM	44.5	0.153	4608	6613

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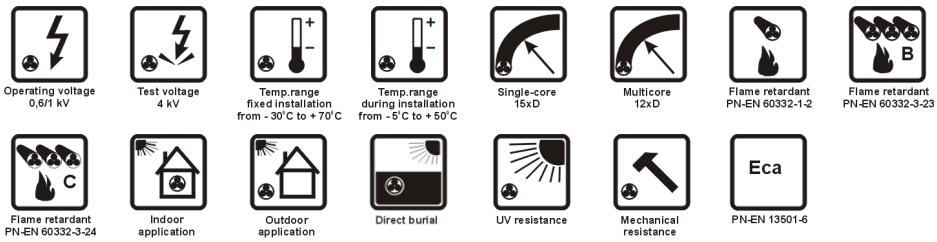
Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1366 035	4 x 150 SM	49.1	0.124	5760	8041
1366 036	4 x 185 SM	55.8	0.0991	7104	10432
1366 037	4 x 240 SM	61.3	0.0754	9216	12943
	YKXSFoyżo 0,6/1 kV				
1366 038	5 x 1,0 RE	12.6	18.1	48.0	351
1366 007	5 x 1,5 RE	13.3	12.1	72.0	397
1366 039	5 x 2,5 RE	14.3	7.41	120.0	474
1366 040	5 x 4 RE	15.8	4.61	192.0	601
1366 041	5 x 6 RE	17.1	38.0	288.0	736
1366 003	5 x 10 RE	19.5	1.83	480.0	1015

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1366 004	5 x 16 RE	22.6	1.15	7680.	1515
1366 042	5 x 25 RM	28.1	0.727	1200	2219
1366 043	5 x 35 RM	32.2	0.524	1680	3042
1366 044	5 x 50 SM	33.6	0.387	2400	3937
1366 045	5 x 70 SM	38.8	0.268	3360	4779
1366 046	5 x 95 SM	44.4	0.193	4560	6719
1366 047	5 x 120 SM	48.7	0.153	5760	7911
1366 048	5 x 150 SM	55.2	0.124	7200	10257
1366 049	5 x 185 SM	61.1	0.0991	8880	12444
1366 050	5 x 240 SM	68.5	0.0754	11520	16369

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

YKXSFtynżo 0,6/1 kV, YKXSFtyn 0,6/1 kV



APPLICATIONS

YKXSFtynżo 0,6/1 kV and **YKXSFtyn 0,6/1 kV** armoured power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Steel tape armour offers enhanced protection against mechanical damages and rodent attack, it has also shielding properties.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- cross-linked polyethylene (XLPE) insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKXSFtynżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel tape armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKXSFtyżo-O 0,6/1 kV and **YKXSFty-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKXSFtxnżo 0,6/1 kV and **XnKXSFtxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

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CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter
Cable combustibillity	flame retardant

Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
> 25 mm²	PN-EN 60332-3-23, IEC 60332-3-23
< 25 mm²	PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
YKXSFtyn 0,6/1 kV					
1803 001	2x1,0 RE	9.8	18.1	19.2	164
1803 002	2x1,5 RE	10.3	12.1	28.8	186
1803 003	2x2,5 RE	11.1	7.41	48.0	224
1803 004	2x4 RE	12.0	4.61	76.8	275
1803 005	2x6 RE	13.0	3.08	115.2	338
1803 006	2x10 RE	14.6	1.83	192.0	458
1803 007	2x16 RE	16.6	1.15	307.2	628
1803 008	2x25 RM	20.7	0.727	480.0	969
1803 009	2x35 RM	23.5	0.524	672.0	1273
YKXSFtynżo 0,6/1 kV					
1804 001	3x1,0 RE	10.2	18.1	28.8	181
1804 002	3x1,5 RE	10.7	12.1	43.2	206
1804 003	3x2,5 RE	11.5	7.41	72.0	250
1804 004	3x4 RE	12.5	4.61	115.2	316
1804 005	3x6 RE	13.6	3.08	172.8	397
1804 006	3x10 RE	15.5	1.83	288.0	557
1804 007	3x16 RE	17.5	1.15	460.8	772
1804 008	3x25 RM	21.9	0.727	720.0	1191
1804 009	3x35 RM	24.9	0.524	1008	1581
1804 010	3x50 SM	25.8	0.387	1440	2065

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1804 011	3x70 SM	29.9	0.268	2016	2570
1804 012	3x95 SM	33.6	0.193	2736	3496
1804 013	3x120 SM	37.3	0.153	3456	4204
1804 014	3x150 SM	41.7	0.124	4320	5250
1804 015	3x185 SM	46.5	0.0991	5328	6503
1804 016	3x240 SM	51.7	0.0754	6912	8325
YKXSFtynżo 0,6/1 kV					
1804 017	4x1,0 RE	10.8	18.1	38.4	203
1804 018	4x1,5 RE	11.4	12.1	57.6	234
1804 019	4x2,5 RE	12.3	7.41	96.0	290
1804 020	4x4 RE	13.4	4.61	153.6	372
1804 021	4x6 RE	14.6	3.08	230.4	472
1804 022	4x10 RE	16.7	1.83	384.0	674
1804 023	4x16 RE	18.9	1.15	614.4	943
1804 024	4x25 RM	24.0	0.727	960.0	1475
1804 025	4x35 RM	27.3	0.524	1344	1965
1804 026	4x50 SM	28.2	0.387	1920	2576
1804 027	4x70 SM	32.8	0.268	2688	3221
1804 028	4x95 SM	37.3	0.193	3648	4446
1804 029	4x120 SM	41.5	0.153	4608	5359
1804 030	4x150 SM	46.1	0.124	5760	6651

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1804 031	4x185 SM	51.6	0.0991	7104	8276
1804 032	4x240 SM	57.2	0.0754	9216	10580
	YKXSFtynżo 0,6/1 kV				
1804 033	5x1,0 RE	11.4	18.1	48.0	226
1804 034	5x1,5 RE	12.1	12.1	72.0	265
1804 035	5x2,5 RE	13.1	7.41	120.0	333
1804 036	5x4 RE	14.4	4.61	192.0	432
1804 037	5x6 RE	15.9	3.08	288.0	562
1804 038	5x10 RE	18.1	1.83	480.0	800
1804 039	5x16 RE	20.9	1.15	768.0	1170

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1804 040	5x25 RM	26.2	0.727	1200	1768
1804 041	5x35 RM	29.7	0.524	1680	2356
1804 042	5x50 SM	31.3	0.387	2400	3149
1804 043	5x70 SM	36.5	0.268	3360	3954
1804 044	5x95 SM	41.4	0.193	4560	5465
1804 045	5x120 SM	45.8	0.153	5760	6545
1804 046	5x150 SM	51.2	0.124	7200	8164
1804 047	5x185 SM	57.0	0.0991	8880	10117
1804 048	5x240 SM	63.3	0.0754	11520	12957

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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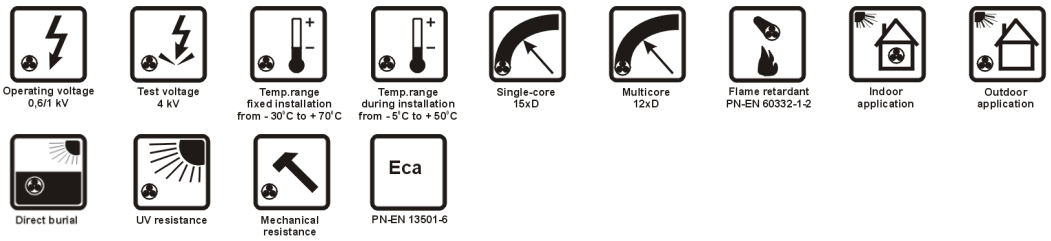
YKXSFtyżo 0,6/1 kV, YKXSFty 0,6/1 kV



APPLICATIONS

YKXSFtyżo 0,6/1 kV and **YKXSFty 0,6/1 kV** armoured power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Steel tape armour offers enhanced protection against mechanical damages and rodent attack, it has also shielding properties.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- cross-linked polyethylene (XLPE) insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKXSFtyżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel tape armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKXSFtyżo-O 0,6/1 kV and **YKXSFty-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKXSFtxnżo 0,6/1 kV and **XnKXSFtxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
YKXSFty 0,6/1 kV					
1805 002	2x1,0 RE	9.8	18.1	19.2	164
1805 003	2x1,5 RE	10.3	12.1	28.8	186
1805 001	2x2,5 RE	11.1	7.41	48.0	224
1805 004	2x4 RE	12.0	4.61	76.8	275
1805 005	2x6 RE	13.0	3.08	115.2	338
1805 006	2x10 RE	14.6	1.83	192.0	458
1805 007	2x16 RE	16.6	1.15	307.2	628
1805 008	2x25 RM	20.7	0.727	480.0	969
1805 009	2x35 RM	23.5	0.524	672.0	1273
1805 022	2x50 RM	26.2	0.387	960.0	1635
1805 023	2x70 RM	30.1	0.268	1344	2219
1805 024	2x95 RM	34.4	0.193	1824	3038
1805 025	2x120 RM	38.2	0.153	2304	3665
1805 026	2x150 RM	42.3	0.124	2880	4519
1805 027	2x185 RM	47.3	0.0991	3552	5619
1805 028	2x240 RM	52.3	0.0754	4608	7100
YKXSFtyżo 0,6/1 kV					
1133 006	3x1,0 RE	10.2	18.1	28.8	181
1133 007	3x1,5 RE	10.7	12.1	43.2	206
1133 008	3x2,5 RE	11.5	7.41	72.0	250
1133 009	3x4 RE	12.5	4.61	115.2	316
1133 010	3x6 RE	13.6	3.08	172.8	397
1133 011	3x10 RE	15.5	1.83	288.0	557
1133 012	3x16 RE	17.5	1.15	460.8	772
1133 003	3x25 RM	21.9	0.727	720.0	1191
1133 005	3x35 RM	24.9	0.524	1008	1581
1133 013	3x50 SM	25.8	0.387	1440	2065
1133 014	3x70 SM	29.9	0.268	2016	2570
1133 015	3x95 SM	33.6	0.193	2736	3496
1133 016	3x120 SM	37.3	0.153	3456	4204
1133 017	3x150 SM	41.7	0.124	4320	5250
1133 018	3x185 SM	46.5	0.0991	5328	6503
1133 019	3x240 SM	51.7	0.0754	6912	8325
YKXSFtyżo 0,6/1 kV					
1133 020	4x1,0 RE	10.8	18.1	38.4	203
1133 021	4x1,5 RE	11.4	12.1	57.6	234
1133 022	4x2,5 RE	12.3	7.41	96.0	290
1133 023	4x4 RE	13.4	4.61	153.6	372
1133 024	4x6 RE	14.6	3.08	230.4	472
1133 025	4x10 RE	16.7	1.83	384.0	674
1133 026	4x16 RE	18.9	1.15	614.4	943
1133 027	4x25 RM	24.0	0.727	960.0	1475
1133 028	4x35 RM	27.3	0.524	1344	1965
1133 029	4x50 SM	28.2	0.387	1920	2576
1133 030	4x70 SM	32.8	0.268	2688	3221
1133 031	4x95 SM	37.3	0.193	3648	4446
1133 032	4x120 SM	41.5	0.153	4608	5359

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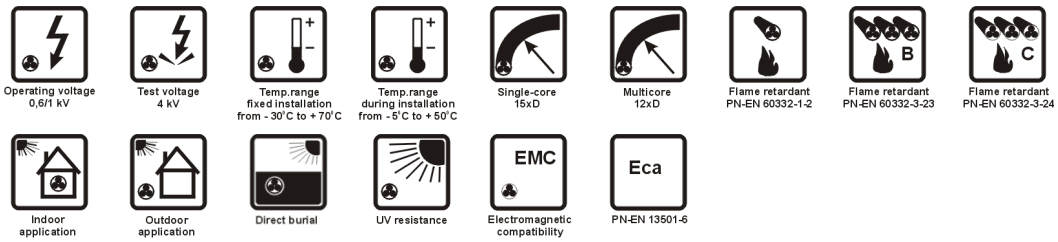
Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1133 033	4x150 SM	46.1	0.124	5760	6651
1133 034	4x185 SM	51.6	0.0991	7104	8276
1133 035	4x240 SM	57.2	0.0754	9216	10580
	YKXSFtyżo 0,6/1 kV				
1133 036	5x1,0 RE	11.4	18.1	48.0	226
1133 037	5x1,5 RE	12.1	12.1	72.0	265
1133 038	5x2,5 RE	13.1	7.41	120.0	333
1133 039	5x4 RE	14.4	4.61	192.0	432
1133 040	5x6 RE	15.9	3.08	288.0	562
1133 041	5x10 RE	18.1	1.83	480.0	800

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1133 042	5x16 RE	20.9	1.15	768.0	1170
1133 004	5x25 RM	26.2	0.727	1200	1768
1133 043	5x35 RM	29.7	0.524	1680	2356
1133 044	5x50 SM	31.3	0.387	2400	3149
1133 045	5x70 SM	36.5	0.268	3360	3954
1133 046	5x95 SM	41.4	0.193	4560	5465
1133 047	5x120 SM	45.8	0.153	5760	6545
1133 048	5x150 SM	51.2	0.124	7200	8164
1133 049	5x185 SM	57.0	0991	8880	10117
1133 050	5x240 SM	63.3	0754	11520	12957

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

YKXSektmynżo 0,6/1 kV, YKXSektmyn 0,6/1 kV



APPLICATIONS

YKXSektmynżo 0,6/1 kV and **YKXSektmyn 0,6/1 kV** shielded power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Copper tape overall shield prevents emission of interferences produced in the cables and protects the cables against external electromagnetic interferences.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- cross-linked polyethylene (XLPE) insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKXSektmynżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- copper tape shield,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKXSektmyżo-O 0,6/1 kV and **YKXSektmy-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKXSektmxnżo 0,6/1 kV and **XnKXSektmxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

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CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
> 25 mm²	PN-EN 60332-3-23, IEC 60332-3-23
< 25 mm²	PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
	YKXSektmyn 0,6/1 kV				
1806 002	1x1,5 RE	7.6	12.1	33.1	99
1806 003	1x2,5 RE	7.9	7.41	44.2	113
1806 004	1x4 RE	8.4	4.61	60.5	135
1806 005	1x6 RE	8.9	3.08	81.5	160
1806 006	1x10 RE	9.7	1.83	123.6	210
1806 007	1x16 RE	10.6	1.15	184.9	277
1806 008	1x25 RM	12.5	0.727	278.8	391
1806 009	1x35 RM	13.5	0.524	378.5	493
1806 010	1x50 RM	14.9	0.387	528.4	633
1806 011	1x70 RM	16.9	0.268	727.7	859
1806 012	1x95 RM	18.6	0.193	974.7	1160
1806 013	1x120 RM	20.5	0.153	1221	1380
1806 014	1x150 RM	22.4	0.124	1517	1693
1806 015	1x185 RM	24.8	0.0991	1862	2086
1806 016	1x240 RM	27.4	0.0754	2400	2669
1806 017	1x300 RM	29.4	0.0601	2984	3208
1806 018	1x400 RM	33.0	0.0470	3957	4342
1806 019	1x500 RM	36.4	0.0366	4930	5382
	YKXSektmyn 0,6/1 kV				
1806 001	2x1,0 RE	9.6	18.1	46.0	154
1806 020	2x1,5 RE	10.1	12.1	58.0	175
1806 021	2x2,5 RE	10.9	7.41	80.1	212
1806 022	2x4 RE	11.8	4.61	112.5	262
1806 023	2x6 RE	12.8	3.08	155.1	324
1806 024	2x10 RE	14.4	1.83	238.3	442
1806 025	2x16 RE	16.4	1.15	361.1	610
1806 026	2x25 RM	20.3	0.727	548.5	915
1806 027	2x35 RM	23.1	0.524	751.1	1211
	YKXSektmynżo 0,6/1 kV				
1144 005	3x1,0 RE	10.0	18.1	57.1	169
1144 006	3x1,5 RE	10.5	12.1	74.3	194
1144 007	3x2,5 RE	11.3	7.41	105.7	238
1144 008	3x4 RE	12.3	4.61	153.2	302
1144 009	3x6 RE	13.4	3.08	215.1	382
1144 010	3x10 RE	15.1	1.83	337.1	532
1144 011	3x16 RE	17.3	1.15	518.1	752
1144 012	3x25 RM	21.5	0.727	793.2	1133
1144 013	3x35 RM	24.5	0.524	1093	1515
1144 014	3x50 SM	25.4	0.387	1536	1990
1144 015	3x70 SM	29.5	0.268	2130	2491
1144 016	3x95 SM	33.2	0.193	2865	3406

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1144 017	3x120 SM	36.9	0.153	3601	4104
1144 018	3x150 SM	41.3	0.124	4483	5137
1144 019	3x185 SM	46.1	0.0991	5511	6377
1144 020	3x240 SM	51.3	0.0754	7116	8186
	YKXSektmynżo 0,6/1 kV				
1144 021	4x1,0 RE	10.6	18.1	69.7	191
1144 022	4x1,5 RE	11.2	12.1	91.7	222
1144 023	4x2,5 RE	12.1	7.41	133.2	277
1144 024	4x4 RE	13.2	4.61	194.8	356
1144 025	4x6 RE	14.4	3.08	276.7	456
1144 026	4x10 RE	16.5	1.83	438.1	655
1144 001	4x16 RE	18.7	1.15	677.2	922
1144 002	4x25 RM	23.6	0.727	1041	1411
1144 003	4x35 RM	26.9	0.524	1437	1892
1144 027	4x50 SM	27.7	0.387	2027	2478
1144 028	4x70 SM	32.5	0.268	2814	3134
1144 029	4x95 SM	36.9	0.193	3793	4346
1144 030	4x120 SM	41.1	0.153	4771	5246
1144 031	4x150 SM	45.7	0.124	5942	6526

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1144 032	4x185 SM	51.2	0.0991	7308	8136
1144 033	4x240 SM	56.9	0.0754	9443	10425
	YKXSektmynżo 0,6/1 kV				
1144 034	5x1,0 RE	11.2	18.1	82.1	215
1144 035	5x1,5 RE	11.9	12.1	108.1	252
1144 036	5x2,5 RE	12.9	7.41	160.1	318
1144 037	5x4 RE	14.2	4.61	237.6	416
1144 038	5x6 RE	15.7	3.08	339.0	544
1144 039	5x10 RE	17.9	1.83	539.6	780
1144 040	5x16 RE	20.5	1.15	837.4	1115
1144 041	5x25 RM	25.8	0.727	1290	1698
1144 042	5x35 RM	29.3	0.524	1783	2275
1144 043	5x50 SM	30.9	0.387	2519	3055
1144 044	5x70 SM	36.2	0.268	3501	3856
1144 045	5x95 SM	41.0	0.193	4723	5352
1144 046	5x120 SM	45.4	0.153	5941	6420
1144 047	5x150 SM	50.8	0.124	7402	8025
1144 048	5x185 SM	56.7	0.0991	9106	9962
1144 049	5x240 SM	62.9	0.0754	11772	12785

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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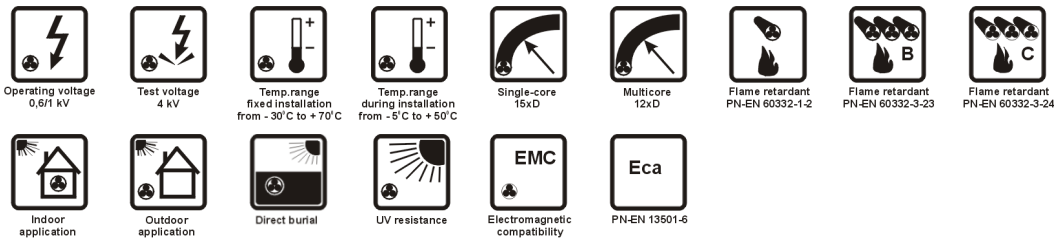
YKXSektmyżo 0,6/1 kV, YKXSektmy 0,6/1 kV



APPLICATIONS

YKXSektmynżo 0,6/1 kV and **YKXSektmyn 0,6/1 kV** shielded power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Copper tape overall shield prevents emission of interferences produced in the cables and protects the cables against external electromagnetic interferences.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- cross-linked polyethylene (XLPE) insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKXSektmynżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- copper tape shield,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKXSektmyżo-O 0,6/1 kV and **YKXSektmy-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKXSektmxnżo 0,6/1 kV and **XnKXSektmxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive,

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
	YKXSektmy 0,6/1 kV				
1286 004	1x1,5 RE	7.6	12.1	33.1	99
1286 005	1x2,5 RE	7.9	7.41	44.2	113
1286 006	1x4 RE	8.4	4.61	60.5	135
1286 007	1x6 RE	8.9	3.08	81.5	160
1286 008	1x10 RE	9.7	1.83	123.6	210
1286 009	1x16 RE	10.6	1.15	184.9	277
1286 010	1x25 RM	12.5	0.727	278.8	391
1286 011	1x35 RM	13.5	0.524	378.5	493
1286 012	1x50 RM	14.9	0.387	528.4	633
1286 013	1x70 RM	16.9	0.268	727.7	859
1286 014	1x95 RM	18.6	0.193	974.7	1160
1286 015	1x120 RM	20.5	0.153	1221	1380
1286 016	1x150 RM	22.4	0.124	1517	1693
1286 017	1x185 RM	24.8	0.0991	1862	2086
1286 018	1x240 RM	27.4	0.0754	2400	2669
1286 019	1x300 RM	29.4	0.0601	2984	3208
1286 020	1x400 RM	33.0	0.0470	3957	4342
1286 021	1x500 RM	36.4	0.0366	4930	5382
	YKXSektmy 0,6/1 kV				
1286 022	2x1,0 RE	9.6	18.1	46.0	154
1286 002	2x1,5 RE	10.1	12.1	58.0	175
1286 003	2x2,5 RE	10.9	7.41	80.1	212
1286 023	2x4 RE	11.8	4.61	112.5	262
1286 024	2x6 RE	12.8	3.08	155.1	324
1286 025	2x10 RE	14.4	1.83	238.3	442
1286 026	2x16 RE	16.4	1.15	361.1	610
1286 027	2x25 RM	20.3	0.727	548.5	915
1286 028	2x35 RM	23.1	0.524	751.1	1211
	YKXSektmyżo 0,6/1 kV				
1807 001	3x1,0 RE	10.0	18.1	57.1	169
1807 002	3x1,5 RE	10.5	12.1	74.3	194
1807 003	3x2,5 RE	11.3	7.41	105.7	238
1807 004	3x4 RE	12.3	4.61	153.2	302
1807 005	3x6 RE	13.4	3.08	215.1	382
1807 006	3x10 RE	15.1	1.83	337.1	532
1807 007	3x16 RE	17.3	1.15	518.1	752
1807 008	3x25 RM	21.5	0.727	793.2	1133
1807 009	3x35 RM	24.5	0.524	1093	1515
1807 010	3x50 SM	25.4	0.387	1536	1990
1807 011	3x70 SM	29.5	0.268	2130	2491
1807 012	3x95 SM	33.2	0.193	2865	3406
1807 013	3x120 SM	36.9	0.153	3601	4104
1807 014	3x150 SM	41.3	0.124	4483	5137
1807 015	3x185 SM	46.1	0.0991	5511	6377

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Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1807 016	3x240 SM	51.3	0.0754	7116	8186
	YKXSektmyżo 0,6/1 kV				
1807 017	4x1,0 RE	10.6	18.1	69.7	191
1807 018	4x1,5 RE	11.2	12.1	91.7	222
1807 019	4x2,5 RE	12.1	7.41	133.2	277
1807 020	4x4 RE	13.2	4.61	194.8	356
1807 021	4x6 RE	14.4	3.08	276.7	456
1807 022	4x10 RE	16.5	1.83	438.1	655
1807 023	4x16 RE	18.7	1.15	677.2	922
1807 024	4x25 RM	23.6	0.727	1041	1411
1807 025	4x35 RM	26.9	0.524	1437	1892
1807 026	4x50 SM	27.7	0.387	2027	2478
1807 027	4x70 SM	32.5	0.268	2814	3134
1807 028	4x95 SM	36.9	0.193	3793	4346
1807 029	4x120 SM	41.1	0.153	4771	5246
1807 030	4x150 SM	45.7	0.124	5942	6526
1807 031	4x185 SM	51.2	0.0991	7308	8136
1807 032	4x240 SM	56.9	0.0754	9443	10425

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
	YKXSektmyżo 0,6/1 kV				
1807 033	5x1,0 RE	11.2	18.1	82.1	215
1807 034	5x1,5 RE	11.9	12.1	108.1	252
1807 035	5x2,5 RE	12.9	7.41	160.1	318
1807 036	5x4 RE	14.2	4.61	237.6	416
1807 037	5x6 RE	15.7	3.08	339.0	544
1807 038	5x10 RE	17.9	1.83	539.6	780
1807 039	5x16 RE	20.5	1.15	837.4	1115
1807 040	5x25 RM	25.8	0.727	1290	1698
1807 041	5x35 RM	29.3	0.524	1783	2275
1807 042	5x50 SM	30.9	0.387	2519	3055
1807 043	5x70 SM	36.2	0.268	3501	3856
1807 044	5x95 SM	41.0	0.193	4723	5352
1807 045	5x120 SM	45.4	0.153	5941	6420
1807 046	5x150 SM	50.8	0.124	7402	8025
1807 047	5x185 SM	56.7	0.0991	9106	9962
1807 048	5x240 SM	62.9	0.0754	11772	12785

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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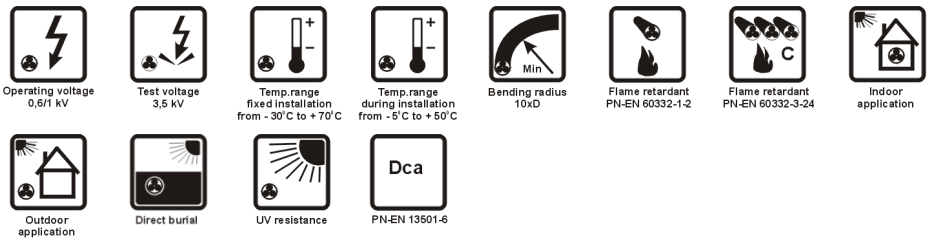
YMvK 0,6/1 kV



APPLICATIONS

YMvK 0.6/1 kV power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

The sheath PVC is UV radiation and weather resistant.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:
  RE - class 1 circular single-wire,
  RM - class 2 circular multi-wire,
- cross-linked polyethylene (XLPE) insulation - colours in accordance with PN-HD 308 standard,
- insulated conductors laid-up in a cable core,
- optional inner covering of cable core,
- black special self-extinguishing PVC cable sheath, other colours also available.

CHARACTERISTICS

Conductor cross-section	mm²	1.5	2.5	4	6	10	16	25	35	50
DC conductor resistance at 20°C, ma x imum	Ω/km	12.1	7.41	4.61	3.08	1.83	1.15	0.727	0.524	0.387
Conductor cross-section	mm²	70	95	120	150	185	240	300	400	
DC conductor resistance at 20°C, ma x imum	Ω/km	0.268	0.193	0.153	0.124	0.0991	0.0754	0.0601	0.0470	

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RoHS COMPLIANT CE

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	3,5 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	10 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2, PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	K42E-1-1, K42E-1-4-D, HD 604, IEC 60502-1
CPR – class reaction on fire	Dca-s3,d2,a3
DoP declarations are avalible at	www.technokabel.com.pl

The cable meets requirements of the low voltage direction 2014/35/EU

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	Copper inde x	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
2184 003	1 x 1,5 RE	5.4	14.4	47
2184 008	1 x 2,5 RE	5.8	24.0	59
2184 019	1 x 4 RE	6.3	38.4	76
2184 005	1 x 6 RE	6.8	57.6	97
2184 011	1 x 10 RM	7.8	96.0	144
2184 014	1 x 16 RM	8.8	153.6	202
2184 017	1 x 25 RM	10.4	240.0	296
2184 018	1 x 35 RM	11.5	336.0	390
2184 020	1 x 50 RM	12.8	480.0	516
2184 021	1 x 70 RM	14.7	672.0	718
2184 022	1 x 95 RM	16.6	912.0	1012
2184 012	1 x 120 RM	18.2	1152	1205
2184 013	1 x 150 RM	20.5	1440	1472
2184 015	1 x 185 RM	22.8	1776	1850
2184 016	1 x 240 RM	25.6	2304	2398
2184 007	1 x 300 RM	28.2	2880	2994
2184 001	1 x 400 RM	31.9	3840	3882
2184 023	2 x 1,5 RE	9.6	28.8	141
2184 009	2 x 2,5 RE	10.4	48.0	175
2184 029	2 x 4 RE	11.3	76.8	221
2184 030	2 x 6 RE	12.3	115.2	279
2184 024	2 x 10 RM	14.4	192.0	411
2184 026	2 x 16 RM	16.3	307.2	564
2184 027	2 x 25 RM	19.6	480.0	832
2184 028	2 x 35 RM	21.8	672.0	1084
2184 031	3G1,5 RE	10.1	43.2	160

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	Copper inde x	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
2184 006	3G2,5 RE	10.9	72.0	201
2184 040	3G4 RE	11.9	115.2	261
2184 042	3G6 RE	12.9	172.8	334
2184 032	3G10 RM	15.2	288.0	502
2184 035	3G16 RM	17.2	460.8	699
2184 038	3G25 RM	20.8	720.0	1042
2184 039	3G35 RM	23.1	1008	1367
2184 041	3G50 RM	26.0	1440	1811
2184 043	3G70 RM	30.1	2016	2528
2184 044	3G95 RM	34.1	2736	3516
2184 033	3G120 RM	38.8	3456	4339
2184 034	3G150 RM	43.4	4320	5304
2184 036	3G185 RM	48.3	5328	6651
2184 037	3G240 RM	54.3	6912	8590
2184 045	4G1,5 RE	10.8	57.6	185
2184 051	4G2,5 RE	11.7	96.0	236
2184 054	4G4 RE	12.8	153.6	313
2184 056	4G6 RE	14.0	230.4	407
2184 046	4G10 RM	16.6	384.0	622
2184 049	4G16 RM	18.9	614.4	877
2184 052	4G25 RM	22.8	960.0	1305
2184 053	4G35 RM	25.4	1344	1723
2184 055	4G50 RM	28.9	1920	2310
2184 057	4G70 RM	33.4	2688	3227
2184 058	4G95 RM	38.9	3648	4617
2184 047	4G120 RM	43.0	4608	5540

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	Copper inde x	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
2184 048	4G150 RM	48.3	5760	6792
2184 050	4G185 RM	53.6	7104	8498
2184 004	4 x 240 RM	60.5	9216	11023
2184 002	5G1,5 RE	11.5	72.0	214
2184 010	5G2,5 RE	12.6	120.0	279
2184 067	5G4 RE	13.8	192.0	370
2184 069	5G6 RE	15.1	288.0	485
2184 059	5G10 RM	18.0	480.0	747
2184 062	5G16 RM	20.5	768.0	1056

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	Copper inde x	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
2184 065	5G25 RM	25.1	1200	1593
2184 066	5G35 RM	27.9	1680	2104
2184 068	5G50 RM	32.0	2400	2844
2184 070	5G70 RM	37.9	3360	4069
2184 071	5G95 RM	43.0	4560	5684
2184 060	5G120 RM	47.6	5760	6826
2184 061	5G150 RM	53.5	7200	8367
2184 063	5G185 RM	59.6	8880	10507
2184 064	5G240 RM	67.2	11520	13621

Attention: For cable with green-yellow protective conductor, instead mark „x” in cable symbol is used letter ”G”.
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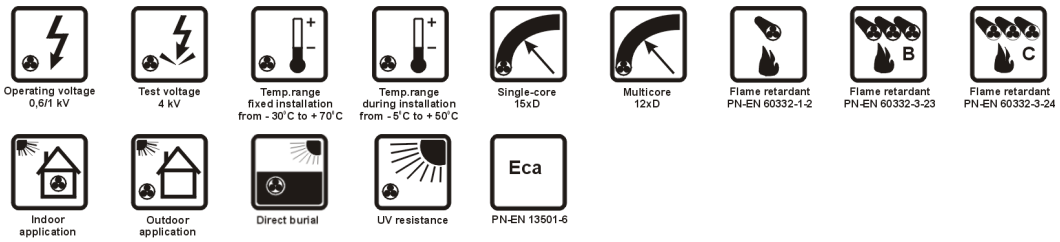
RoHS COMPLIANT CE

YnKYżo 0,6/1 kV, YnKY 0,6/1 kV



APPLICATIONS

YnKYżo 0,6/1 kV and **YnKY 0,6/1 kV** power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- PVC insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YnKYżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- black PVC special self-extinguishing PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

YKYżo-O 0,6/1 kV and YKY-O 0,6/1 kV - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKXSżo 0,6/1 kV and XnKXS 0,6/1 kV - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
> 25 mm²	PN-EN 60332-3-23, IEC 60332-3-23
< 25 mm²	PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-93/E-90401, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
		YnKY 0,6/1 kV			
0680 060	1x1,0 RE	4.9	18.1	9.6	39
0680 049	1x1,5 RE	5.2	12.1	14.4	46
0680 050	1x2,5 RE	5.5	7.41	24.0	58
0680 051	1x4 RE	6.4	4.61	38.4	81
0680 052	1x6 RE	6.9	3.08	57.6	104
0680 053	1x10 RE	7.7	1.83	96.0	147
0680 054	1x16 RE	8.6	1.15	153.6	207
0680 055	1x25 RM	10.6	0.727	240.0	311
0680 022	1x35 RM	11.6	0.524	336.0	406
0680 035	1x50 RM	13.4	0.387	480.0	551
0680 040	1x70 RM	15.0	0.268	672.0	752
0680 048	1x95 RM	17.3	0.193	912.0	1068
0680 036	1x120 RM	19.0	0.153	1152	1271
0680 028	1x150 RM	20.9	0.124	1440	1579
0680 013	1x185 RM	23.3	0.0991	1776	1967
0680 030	1x240 RM	26.1	0.0754	2304	2554
0680 057	1x300 RM	28.5	0.0601	2880	3117
0680 058	1x400 RM	31.7	0.0470	3840	4213
0680 059	1x500 RM	35.1	0.0366	4800	5251
		YnKY 0,6/1 kV			
0680 016	2x1 RE	7.9	18.1	19.2	96
0680 027	2x1,5 RE	8.4	12.1	28.8	113
0680 004	2x2,5 RE	9.2	7.41	48.0	144
0680 005	2x4 RE	10.9	4.61	76.8	209
0680 019	2x6 RE	11.9	3.08	115.2	265
0680 006	2x10 RE	14.0	1.83	192.0	399
0680 041	2x16 RE	15.8	1.15	307.2	552
0680 021	2x25 RM	19.7	0.727	480.0	846
0680 056	2x35 RM	21.8	0.524	672.0	1092
0680 068	2x50 RM	25.1	0.387	960.0	1472
0680 069	2x70 RM	28.8	0.268	1344	2020
0680 070	2x95 RM	33.3	0.193	1824	2825
0680 071	2x120 RM	36.7	0.153	2304	3394
0680 072	2x150 RM	40.8	0.124	2880	4297
		YnKYżo 0,6/1 kV			
0649 020	3x1,0 RE	8.3	18.1	28.8	110
0649 005	3x1,5 RE	8.8	12.1	43.2	132
0649 001	3x2,5 RE	9.6	7.41	72.0	170
0649 009	3x4 RE	11.5	4.61	115.2	252
0649 002	3x6 RE	12.6	3.08	172.8	326
0649 022	3x10 RE	14.8	1.83	288.0	495
0649 023	3x16 RE	16.7	1.15	460.8	697
0649 040	3x25 RM	21.0	0.727	720.0	1073
0649 057	3x35 RM	23.5	0.524	1008	1414
0649 058	3x50 SM	24.8	0.387	1440	1908

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Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
0649 064	3x70 SM	28.2	0.268	2016	2352
0649 059	3x95 SM	33.2	0.193	2736	3363
0649 060	3x120 SM	36.2	0.153	3456	3997
0649 061	3x150 SM	40.3	0.124	4320	4989
0649 062	3x185 SM	45.0	0.0991	5328	6220
0649 063	3x240 SM	50.5	0.0754	6912	8052
	YnKYżo 0,6/1 kV				
0649 034	4x1,0 RE	8.9	18.1	38.4	129
0649 012	4x1,5 RE	9.5	12.1	57.6	157
0649 007	4x2,5 RE	10.4	7.41	96.0	205
0649 016	4x4 RE	12.5	4.61	153.6	309
0649 013	4x6 RE	13.7	3.08	230.4	403
0649 017	4x10 RE	16.1	1.83	384.0	615
0649 019	4x16 RE	18.3	1.15	614.4	877
0649 021	4x25 RM	23.3	0.727	960.0	1365
0649 018	4x35 RM	26.0	0.524	1344	1798
0649 065	4x50 SM	27.6	0.387	1920	2437
0649 066	4x70 SM	31.4	0.268	2688	3011
0649 042	4x95 SM	36.9	0.193	3648	4313
0649 044	4x120 SM	40.2	0.153	4608	5120
0649 067	4x150 SM	44.9	0.124	5760	6415
0649 068	4x185 SM	50.1	0.0991	7104	8001
0649 069	4x240 SM	56.3	0.0754	9216	10371

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
	YnKYżo 0,6/1 kV				
0649 070	5x1,0 RE	9.6	18.1	48.0	153
0649 006	5x1,5 RE	10.3	12.1	72.0	188
0649 008	5x2,5 RE	11.3	7.41	120.0	249
0649 003	5x4 RE	13.6	4.61	192.0	372
0649 010	5x6 RE	15.0	3.08	288.0	489
0649 004	5x10 RE	17.6	1.83	480.0	746
0649 011	5x16 RE	20.1	1.15	768.0	1071
0649 014	5x25 RM	25.8	0.727	1200	1679
0649 015	5x35 RM	28.8	0.524	1680	2215
0649 043	5x50 SM	30.5	0.387	2400	3002
0649 046	5x70 SM	35.3	0.268	3360	3772
0649 045	5x95 SM	41.0	0.193	4560	5342
0649 049	5x120 SM	44.7	0.153	5760	6341
0649 047	5x150 SM	50.0	0.124	7200	7948
0649 048	5x185 SM	55.8	0.0991	8880	9909
0649 052	5x240 SM	62.6	0.0754	11520	12839

Other cross-sections and conductor counts available on request.
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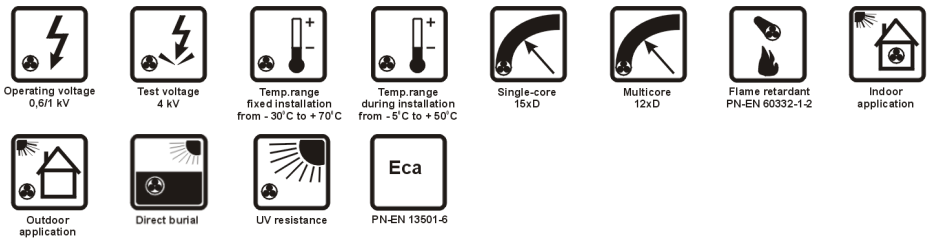
YKYżo 0,6/1 kV, YKY 0,6/1 kV



APPLICATIONS

YKYżo 0,6/1 kV and **YKY 0,6/1 kV** power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- PVC insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKYżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- black PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

YKYżo-O 0,6/1 kV i **YKY-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKXSżo 0,6/1 kV i **XnKXS 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

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CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-93/E-90401, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
		YKY 0,6/1 kV			
0355 056	1x1,0 RE	4.9	18.1	9.6	39
0355 050	1x1,5 RE	5.2	12.1	14.4	46
0355 057	1x2,5 RE	5.5	7.41	24.0	58
0355 058	1x4 RE	6.4	4.61	38.4	81
0355 051	1x6 RE	6.9	3.08	57.6	104
0355 040	1x10 RE	7.7	1.83	96.0	147
0355 041	1x16 RE	8.6	1.15	153.6	207
0355 030	1x25 RM	10.6	0.727	240.0	311
0355 025	1x35 RM	11.6	0.524	336.0	406
0355 034	1x50 RM	13.4	0.387	480.0	551
0355 035	1x70 RM	15.0	0.268	672.0	752
0355 046	1x95 RM	17.3	0.193	912.0	1068
0355 031	1x120 RM	19.0	0.153	1152	1271
0355 033	1x150 RM	20.9	0.124	1440	1579
0355 037	1x185 RM	23.3	0.0991	1776	1967
0355 032	1x240 RM	26.1	0.0754	2304	2554
0355 053	1x300 RM	28.5	0.0601	2880	3117
0355 054	1x400 RM	31.7	0.0470	3840	4213
0355 055	1x500 RM	35.1	0.0366	4800	5251
		YKY 0,6/1 kV			
0355 006	2x1,0 RE	7.9	18.1	19.2	96
0355 008	2x1,5 RE	8.4	12.1	28.8	113
0355 011	2x2,5 RE	9.2	7.41	48.0	144

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
0355 047	2x4 RE	10.9	4.61	76.8	209
0355 048	2x6 RE	11.9	3.08	115.2	265
0355 012	2x10 RE	14.0	1.83	192.0	399
0355 036	2x16 RE	15.8	1.15	307.2	552
0355 052	2x25 RM	19.7	0.727	480.0	846
0355 049	2x35 RM	21.8	0.524	672.0	1092
0355 059	2x50 RM	25.1	0.387	960.0	1472
0355 060	2x70 RM	28.8	0.268	1344	2020
		YKYżo 0,6/1 kV			
0359 016	3x1,0 RE	8.3	18.1	28.8	110
0359 001	3x1,5 RE	8.8	12.1	43.2	132
0359 002	3x2,5 RE	9.6	7.41	72.0	170
0359 007	3x4 RE	11.5	4.61	115.2	252
0359 020	3x6 RE	12.6	3.08	172.8	326
0359 021	3x10 RE	14.8	1.83	288.0	495
0359 025	3x16 RE	16.7	1.15	460.8	697
0359 031	3x25 RM	21.0	0.727	720.0	1073
0359 032	3x35 RM	23.5	0.524	1008	1414
0359 037	3x50 SM	24.8	0.387	1440	1908
0359 038	3x70 SM	28.2	0.268	2016	2352
0359 039	3x95 SM	33.2	0.193	2736	3363
0359 040	3x120 SM	36.2	0.153	3456	3997
0359 041	3x150 SM	40.3	0.124	4320	4989
0359 042	3x185 SM	45.0	0.0991	5328	6220

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
0359 043	3x240 SM	50.5	0.0754	6912	8052
	YKYżo 0,6/1 kV				
0359 028	4x1,0 RE	8.9	18.1	38.4	129
0359 004	4x1,5 RE	9.5	12.1	57.6	157
0359 023	4x2,5 RE	10.4	7.41	96.0	205
0359 014	4x4 RE	12.5	4.61	153.6	309
0359 013	4x6 RE	13.7	3.08	230.4	403
0359 024	4x10 RE	16.1	1.83	384.0	615
0359 012	4x16 RE	18.3	1.15	614.4	877
0359 018	4x25 RM	23.3	0.727	960.0	1365
0359 026	4x35 RM	26.0	0.524	1344	1798
0359 044	4x50 SM	27.6	0.387	1920	2437
0359 045	4x70 SM	31.4	0.268	2688	3011
0359 035	4x95 SM	36.9	0.193	3648	4313
0359 046	4x120 SM	40.2	0.153	4608	5120
0359 047	4x150 SM	44.9	0.124	5760	6415
0359 048	4x185 SM	50.1	0.0991	7104	8001
0359 049	4x240 SM	56.3	0.0754	9216	10371

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
	YKYżo 0,6/1 kV				
0359 003	5x1,0 RE	9.6	18.1	48.0	153
0359 006	5x1,5 RE	10.3	12.1	72.0	188
0359 005	5x2,5 RE	11.3	7.41	120.0	249
0359 008	5x4 RE	13.6	4.61	192.0	372
0359 011	5x6 RE	15.0	3.08	288.0	489
0359 015	5x10 RE	17.6	1.83	480.0	746
0359 010	5x16 RE	20.1	1.15	768.0	1071
0359 009	5x25 RM	25.8	0.727	1200	1679
0359 033	5x35 RM	28.8	0.524	1680	2215
0359 050	5x50 SM	30.5	0.387	2400	3002
0359 051	5x70 SM	35.3	0.268	3360	3772
0359 052	5x95 SM	41.0	0.193	4560	5342
0359 053	5x120 SM	44.7	0.153	5760	6341
0359 054	5x150 SM	50.0	0.124	7200	7948
0359 055	5x185 SM	55.8	0.0991	8880	9909
0359 056	5x240 SM	62.6	0.0754	11520	12839

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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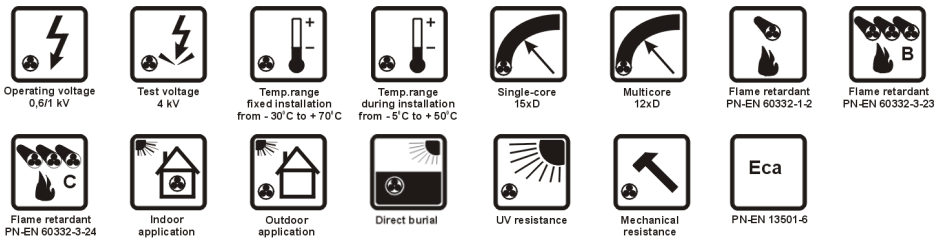
YKYFoynżo 0,6/1 kV, YKYFoyn 0,6/1 kV



APPLICATIONS

YKYFoynżo 0,6/1 kV and **YKYFoyn 0,6/1 kV** armoured power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Galvanized steel wire armour provides carrying an axial load of the cable during installation and exploitation. It also offers enhanced protection against mechanical damages and rodent attack, as well as shielding properties.

The cable covering is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- PVC insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKYFoynżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel wire armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKYFoyżo-O 0,6/1 kV and **YKYFoy-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKXSFoxnżo 0,6/1 kV and **XnKXSFoxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
> 25 mm²	PN-EN 60332-3-23, IEC 60332-3-23
< 25 mm²	PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-93/E-90401, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
YKYFoyn 0,6/1 kV					
1275 003	2x1,0 RE	11.2	18.1	19.2	280
1275 004	2x1,5 RE	11.7	12.1	28.8	310
1275 005	2x2,5 RE	12.5	7.41	48.0	356
1275 006	2x4 RE	14.2	4.61	76.8	460
1275 007	2x6 RE	15.2	3.08	115.2	542
1275 008	2x10 RE	17.0	1.83	192.0	694
1275 009	2x16 RE	18.8	1.15	307.2	885
1275 010	2x25 RM	23.8	0.727	480.0	1442
1275 011	2x35 RM	26.4	0.524	672.0	1791
1275 013	2x95 RM	38.9	0.193	1824	4115
YKYFoynżo 0,6/1 kV					
1276 024	3x1,0 RE	11.6	18.1	28.8	301
1276 001	3x1,5 RE	12.1	12.1	43.2	335
1276 002	3x2,5 RE	12.9	7.41	72.0	393
1276 004	3x4 RE	14.8	4.61	115.2	515
1276 025	3x6 RE	16.1	3.08	172.8	624
1276 011	3x10 RE	17.8	1.83	288.0	808
1276 026	3x16 RE	20.6	1.15	460.8	1194
1276 027	3x25 RM	25.1	0.727	720.0	1705
1276 028	3x35 RM	28.1	0.524	1008	2156
1276 029	3x50 SM	29.6	0.387	1440	2927

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1276 030	3x70 SM	33.4	0.268	2016	3423
1276 031	3x95 SM	38.2	0.193	2736	4595
1276 032	3x120 SM	42.1	0.153	3456	5654
1276 033	3x150 SM	46.6	0.124	4320	6880
1276 034	3x185 SM	52.1	0.0991	5328	8797
1276 035	3x240 SM	58.0	0.0754	6912	11033
YKYFoynżo 0,6/1 kV					
1276 036	4x1,0 RE	12.2	18.1	38.4	333
1276 037	4x1,5 RE	12.8	12.1	57.6	373
1276 003	4x2,5 RE	13.7	7.41	96.0	442
1276 038	4x4 RE	16.0	4.61	153.6	605
1276 009	4x6 RE	17.2	3.08	230.4	727
1276 012	4x10 RE	19.3	1.83	384.0	962
1276 014	4x16 RE	22.2	1.15	614.4	1412
1276 015	4x25 RM	27.4	0.727	960.0	2062
1276 039	4x35 RM	30.6	0.524	1344	2620
1276 040	4x50 SM	32.8	0.387	1920	3609
1276 041	4x70 SM	36.5	0.268	2688	4208
1276 042	4x95 SM	42.8	0.193	3648	6000
1276 016	4x120 SM	46.5	0.153	4608	7015
1276 018	4x150 SM	52.0	0.124	5760	8998
1276 020	4x185 SM	57.6	0.0991	7104	10949

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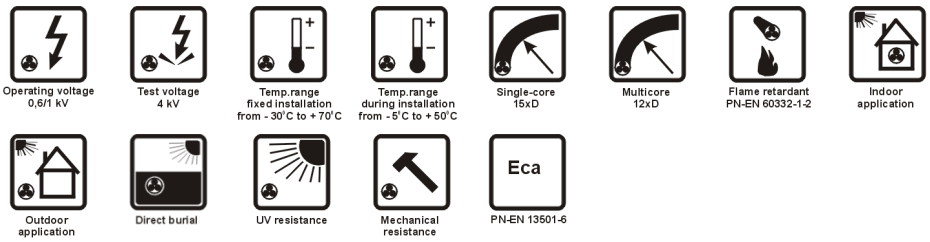
Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1276 022	4x240 SM	63.8	0.0754	9216	13677
	YKYFoynżo 0,6/1 kV				
1276 043	5x1,0 RE	12.9	18.1	48.0	375
1276 044	5x1,5 RE	13.6	12.1	72.0	424
1276 008	5x2,5 RE	14.6	7.41	120.0	505
1276 045	5x4 RE	17.1	4.61	192.0	689
1276 010	5x6 RE	18.5	3.08	288.0	840
1276 013	5x10 RE	21.5	1.83	480.0	1267
1276 007	5x16 RE	24.2	1.15	768.0	1678

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1276 005	5x25 RM	29.7	0.727	1200	2426
1276 006	5x35 RM	33.8	0.524	1680	3280
1276 046	5x50 SM	35.7	0.387	2400	4294
1276 047	5x70 SM	41.0	0.268	3360	5382
1276 048	5x95 SM	47.1	0.193	4560	7245
1276 017	5x120 SM	51.8	0.153	5760	8924
1276 019	5x150 SM	57.4	0.124	7200	10895
1276 021	5x185 SM	63.2	0.0991	8880	13175
1276 023	5x240 SM	68.1	0.0754	11520	16531

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

YKYFoyżo 0,6/1 kV, YKYFoy 0,6/1 kV



APPLICATIONS

YKYFoyżo 0,6/1 kV and **YKYFoy 0,6/1 kV** armoured power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Galvanized steel wire armour provides carrying an axial load of the cable during installation and exploitation. It also offers enhanced protection against mechanical damages and rodent attack, as well as shielding properties.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- PVC insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor i n **YKYFoyżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel wire armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKYFoyżo-O 0,6/1 kV and **YKYFoy-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKXSFoxnżo 0,6/1 kV and **XnKXSFoxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-93/E-90401, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
	YKYFoy 0,6/1 kV				
1203 007	2x1,0 RE	11.2	18.1	19.2	280
1203 005	2x1,5 RE	11.7	12.1	28.8	310
1203 008	2x2,5 RE	12.5	7.41	48.0	356
1203 006	2x4 RE	14.2	4.61	76.8	460
1203 004	2x6 RE	15.2	3.08	115.2	542
1203 003	2x10 RE	17.0	1.83	192.0	694
1203 009	2x16 RE	18.8	1.15	307.2	885
1203 010	2x25 RM	23.8	0.727	480.0	1442
1203 011	2x35 RM	26.4	0.524	672.0	1791
	YKYFoyżo 0,6/1 kV				
1158 022	3x1,0 RE	11.6	18.1	28.8	301
1158 023	3x1,5 RE	12.1	12.1	43.2	335
1158 004	3x2,5 RE	12.9	7.41	72.0	393
1158 006	3x4 RE	14.8	4.61	115.2	515
1158 001	3x6 RE	16.1	3.08	172.8	624
1158 002	3x10 RE	17.8	1.83	288.0	808
1158 016	3x16 RE	20.6	1.15	460.8	1194
1158 019	3x25 RM	25.1	0.727	720.0	1705
1158 024	3x35 RM	28.1	0.524	1008	2156
1158 025	3x50 SM	29.6	0.387	1440	2927
1158 026	3x70 SM	33.4	0.268	2016	3423
1158 027	3x95 SM	38.2	0.193	2736	4595
1158 028	3x120 SM	42.1	0.153	3456	5654
1158 029	3x150 SM	46.6	0.124	4320	6880
1158 030	3x185 SM	52.1	0.0991	5328	8797
1158 031	3x240 SM	58.0	0.0754	6912	11033
	YKYFoyżo 0,6/1 kV				
1158 032	4x1,0 RE	12.2	18.1	38.4	333
1158 033	4x1,5 RE	12.8	12.1	57.6	373
1158 012	4x2,5 RE	13.7	7.41	96.0	442
1158 014	4x4 RE	16.0	4.61	153.6	605
1158 009	4x6 RE	17.2	3.08	230.4	727
1158 015	4x10 RE	19.3	1.83	384.0	962
1158 017	4x16 RE	22.2	1.15	614.4	1412
1158 034	4x25 RM	27.4	0.727	960.0	2062
1158 011	4x35 RM	30.6	0.524	1344	2620
1158 035	4x50 SM	32.8	0.387	1920	3609
1158 036	4x70 SM	36.5	0.268	2688	4208
1158 037	4x95 SM	42.8	0.193	3648	6000
1158 038	4x120 SM	46.5	0.153	4608	7015
1158 039	4x150 SM	52.0	0.124	5760	8998
1158 040	4x185 SM	57.6	0.0991	7104	10949
1158 041	4x240 SM	63.8	0.0754	9216	13677
	YKYFoyżo 0,6/1 kV				
1158 042	5x1,0 RE	12.9	18.1	48.0	375
1158 043	5x1,5 RE	13.6	12.1	72.0	424
1158 013	5x2,5 RE	14.6	7.41	120.0	505

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1158 044	5x4 RE	17.1	4.61	192.0	689
1158 003	5x6 RE	18.5	3.08	288.0	840
1158 007	5x10 RE	21.5	1.83	480.0	1267
1158 018	5x16 RE	24.2	1.15	768.0	1678
1158 020	5x25 RM	29.7	0.727	1200	2426
1158 021	5x35 RM	33.8	0.524	1680	3280
1158 045	5x50 SM	35.7	0.387	2400	4294

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1158 046	5x70 SM	41.0	0.268	3360	5382
1158 047	5x95 SM	47.1	0.193	4560	7245
1158 048	5x120 SM	51.8	0.153	5760	8924
1158 049	5x150 SM	57.4	0.124	7200	10895
1158 050	5x185 SM	63.2	0.0991	8880	13175
1158 051	5x240 SM	68.1	0.0754	11520	16531

Other cross-sections and conductor counts available on request.
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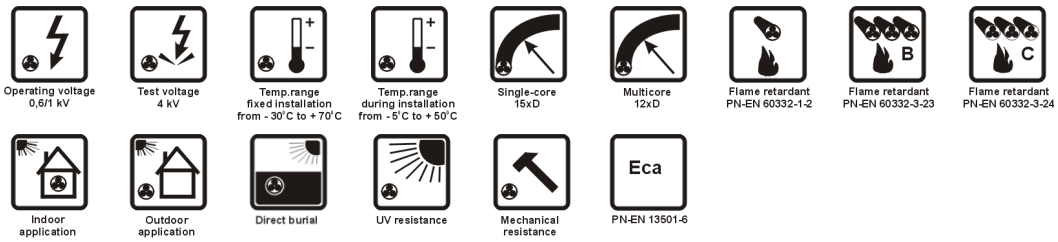
YKYFtynżo 0,6/1 kV, YKYFtyn 0,6/1 kV



APPLICATIONS

YKYFtynżo 0,6/1 kV and **YKYFtyn 0,6/1 kV** armoured power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Steel tape armour offers enhanced protection against mechanical damages and rodent attack, it has also shielding properties.

The cable covering is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:
  RE - class 1 circular single-wire,
  RM - class 2 circular multi-wire,
  SM - class 2 sector shaped multi-wire,
- PVC insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKYFtynżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel tape armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKYFtyżo-O 0,6/1 kV and **YKYFty-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKXSFtxnżo 0,6/1 kV and **XnKXSFtxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
> 25 mm²	PN-EN 60332-3-23, IEC 60332-3-23
< 25 mm²	PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-93/E-90401, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
YKYFtyn 0,6/1 kV					
1056 014	2x1,0 RE	10.0	18.1	19.2	174
1056 015	2x1,5 RE	10.5	12.1	28.8	196
1056 016	2x2,5 RE	11.3	7.41	48.0	236
1056 012	2x4 RE	13.0	4.61	76.8	318
1056 017	2x6 RE	14.0	3.08	115.2	385
1056 018	2x10 RE	15.8	1.83	192.0	519
1056 019	2x16 RE	17.6	1.15	307.2	688
1056 020	2x25 RM	21.9	0.727	480.0	1061
1056 021	2x35 RM	24.7	0.524	672.0	1376
YKYFtynżo 0,6/1 kV					
1308 025	3x1,0 RE	10.4	18.1	28.8	192
1308 006	3x1,5 RE	10.9	12.1	43.2	219
1308 004	3x2,5 RE	11.7	7.41	72.0	265
1308 009	3x4 RE	13.6	4.61	115.2	366
1308 026	3x6 RE	14.7	3.08	172.8	452
1308 027	3x10 RE	16.6	1.83	288.0	622
1308 028	3x16 RE	18.5	1.15	460.8	840
1308 029	3x25 RM	23.4	0.727	720.0	1312
1308 030	3x35 RM	26.2	0.524	1008	1705
1308 031	3x50 SM	27.3	0.387	1440	2241
1308 032	3x70 SM	31.1	0.268	2016	2726

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1308 033	3x95 SM	36.1	0.193	2736	3802
1308 034	3x120 SM	39.1	0.153	3456	4473
1308 035	3x150 SM	43.5	0.124	4320	5567
1308 036	3x185 SM	48.0	0.0991	5328	6836
1308 037	3x240 SM	53.9	0.0754	6912	8806
YKYFtynżo 0,6/1 kV					
1308 038	4x1,0 RE	11.0	18.1	38.4	217
1308 039	4x1,5 RE	11.6	12.1	57.6	250
1308 013	4x2,5 RE	12.5	7.41	96.0	308
1308 007	4x4 RE	14.6	4.61	153.6	433
1308 015	4x6 RE	16.0	3.08	230.4	548
1308 016	4x10 RE	17.9	1.83	384.0	752
1308 017	4x16 RE	20.5	1.15	614.4	1074
1308 008	4x25 RM	25.5	0.727	960.0	1617
1308 040	4x35 RM	28.7	0.524	1344	2121
1308 018	4x50 SM	30.5	0.387	1920	2846
1308 019	4x70 SM	34.2	0.268	2688	3428
1308 020	4x95 SM	39.7	0.193	3648	4802
1308 021	4x120 SM	43.4	0.153	4608	5702
1308 022	4x150 SM	47.9	0.124	5760	7037
1308 023	4x185 SM	53.5	0.0991	7104	8756
1308 024	4x240 SM	59.7	0.0754	9216	11217

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Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
YKYFtynżo 0,6/1 kV					
1308 041	5x1,0 RE	11.7	18.1	48.0	247
1308 042	5x1,5 RE	12.4	12.1	72.0	289
1308 011	5x2,5 RE	13.4	7.41	120.0	360
1308 010	5x4 RE	15.9	4.61	192.0	515
1308 014	5x6 RE	17.3	3.08	288.0	647
1308 002	5x10 RE	19.6	1.83	480.0	906
1308 001	5x16 RE	22.3	1.15	768.0	1288
1308 003	5x25 RM	28.0	0.727	1200	1957
1308 043	5x35 RM	31.5	0.524	1680	2572
1308 044	5x50 SM	33.4	0.387	2400	3454
1308 045	5x70 SM	38.0	0.268	3360	4222
1308 046	5x95 SM	44.1	0.193	4560	5913
1308 047	5x120 SM	47.7	0.153	5760	6962
1308 048	5x150 SM	53.4	0.124	7200	8701
1308 049	5x185 SM	59.0	0.0991	8880	10715
1308 050	5x240 SM	62.8	0.0754	11520	13176

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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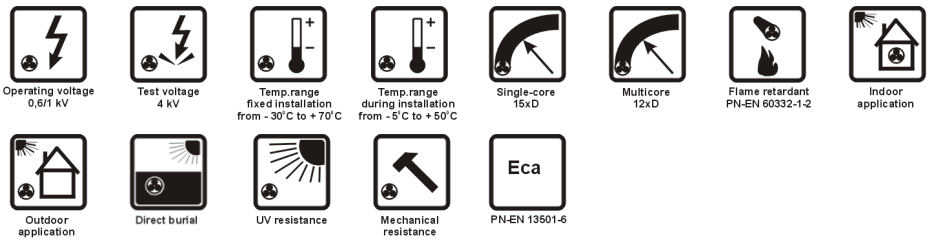
YKYFtyżo 0,6/1 kV, YKYFty 0,6/1 kV



APPLICATIONS

YKYFtyżo 0,6/1 kV and **YKYFty 0,6/1 kV** armoured power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Steel tape armour offers enhanced protection against mechanical damages and rodent attack, it has also shielding properties.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:
  RE - class 1 circular single-wire,
  RM - class 2 circular multi-wire,
  SM - class 2 sector shaped multi-wire,
- PVC insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKYFtyżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel tape armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKYFtyżo-O 0,6/1 kV and **YKYFty-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKXSFtxnżo 0,6/1 kV and **XnKXSFtxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

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CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-93/E-90401, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
YKYFty 0,6/1 kV					
0952 018	2x1,0 RE	10.0	18.1	19.2	174
0952 020	2x1,5 RE	10.5	12.1	28.8	196
0952 008	2x2,5 RE	11.3	7.41	48.0	236
0952 021	2x4 RE	13.0	4.61	76.8	318
0952 032	2x6 RE	14.0	3.08	115.2	385
0952 024	2x10 RE	15.8	1.83	192.0	519
0952 022	2x16 RE	17.6	1.15	307.2	688
0952 030	2x25 RM	21.9	0.727	480.0	1061
0952 042	2x35 RM	24.7	0.524	672.0	1376
YKYFtyżo 0,6/1 kV					
0954 029	3x1,0 RE	10.4	18.1	28.8	192
0954 015	3x1,5 RE	10.9	12.1	43.2	219
0954 023	3x2,5 RE	11.7	7.41	72.0	265
0954 022	3x4 RE	13.6	4.61	115.2	366
0954 028	3x6 RE	14.7	3.08	172.8	452
0954 033	3x10 RE	16.6	1.83	288.0	622
0954 027	3x16 RE	18.5	1.15	460.8	840
0954 026	3x25 RM	23.4	0.727	720.0	1312
0954 034	3x35 RM	26.2	0.524	1008	1705
0954 036	3x50 SM	27.3	0.387	1440	2241
0954 037	3x70 SM	31.1	0.268	2016	2726

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
0954 038	3x95 SM	36.1	0.193	2736	3802
0954 039	3x120 SM	39.1	0.153	3456	4473
0954 040	3x150 SM	43.5	0.124	4320	5567
0954 041	3x185 SM	48.0	0.0991	5328	6836
0954 042	3x240 SM	53.9	0.0754	6912	8806
YKYFtyżo 0,6/1 kV					
0954 031	4x1,0 RE	11.0	18.1	38.4	217
0954 013	4x1,5 RE	11.6	12.1	57.6	250
0954 008	4x2,5 RE	12.5	7.41	96.0	308
0954 004	4x4 RE	14.6	4.61	153.6	433
0954 011	4x6 RE	16.0	3.08	230.4	548
0954 014	4x10 RE	17.9	1.83	384.0	752
0954 020	4x16 RE	20.5	1.15	614.4	1074
0954 017	4x25 RM	25.5	0.727	960.0	1617
0954 009	4x35 RM	28.7	0.524	1344	2121
0954 043	4x50 SM	30.5	0.387	1920	2846
0954 044	4x70 SM	34.2	0.268	2688	3428
0954 032	4x95 SM	39.7	0.193	3648	4802
0954 045	4x120 SM	43.4	0.153	4608	5702
0954 046	4x150 SM	47.9	0.124	5760	7037
0954 047	4x185 SM	53.5	0.0991	7104	8756
0954 048	4x240 SM	59.7	0.0754	9216	11217

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
YKYFtyżo 0,6/1 kV					
0954 030	5x1,0 RE	11.7	18.1	48.0	247
0954 002	5x1,5 RE	12.4	12.1	72.0	289
0954 001	5x2,5 RE	13.4	7.41	120.0	360
0954 003	5x4 RE	15.9	4.61	192.0	515
0954 016	5x6 RE	17.3	3.08	288.0	647
0954 025	5x10 RE	19.6	1.83	480.0	906
0954 005	5x16 RE	22.3	1.15	768.0	1288
0954 018	5x25 RM	28.0	0.727	1200	1957
0954 021	5x35 RM	31.5	0.524	1680	2572
0954 049	5x50 SM	33.4	0.387	2400	3454
0954 050	5x70 SM	38.0	0.268	3360	4222
0954 051	5x95 SM	44.1	0.193	4560	5913
0954 052	5x120 SM	47.7	0.153	5760	6962
0954 053	5x150 SM	53.4	0.124	7200	8701
0954 054	5x185 SM	59.0	0.0991	8880	10715
0954 055	5x240 SM	62.8	0.0754	11520	13176

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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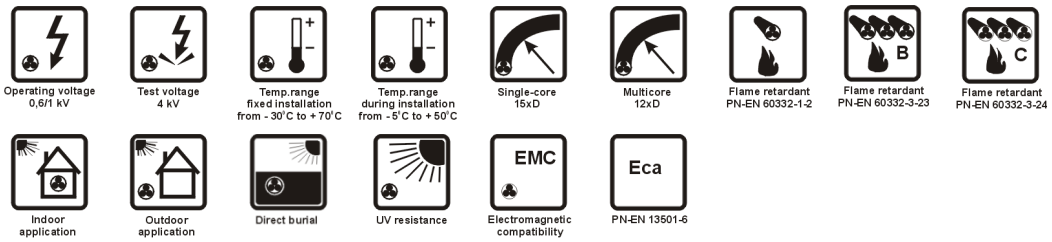
YKYektmynżo 0,6/1 kV, YKYektmyn 0,6/1 kV



APPLICATIONS

YKYektmynżo 0,6/1 kV and **YKYektmyn 0,6/1 kV** shielded power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Copper tape overall shield prevents emission of interferences produced in the cables and protects the cables against external electromagnetic interferences.

The cable covering is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- PVC insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKYektmynżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- copper tape shield,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKYektmyżo-O 0,6/1 kV and **YKYektmy-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKXSektmxnżo 0,6/1 kV and **XnKXSektmxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
> 25 mm²	PN-EN 60332-3-23, IEC 60332-3-23
< 25 mm²	PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-93/E-90401, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
YKYektmyn 0,6/1 kV					
0945 004	1x1,0 RE	7.4	18.1	27.6	94
0945 005	1x1,5 RE	7.7	12.1	33.5	104
0945 006	1x2,5 RE	8.0	7.41	44.3	118
0945 007	1x4 RE	8.9	4.61	62.3	150
0945 008	1x6 RE	9.4	3.08	83.5	177
0945 009	1x10 RE	10.2	1.83	125.4	229
0945 010	1x16 RE	11.1	1.15	186.2	297
0945 011	1x25 RM	13.1	0.727	281.0	421
0945 012	1x35 RM	14.1	0.524	381.0	526
0945 013	1x50 RM	15.9	0.387	531.3	688
0945 014	1x70 RM	17.5	0.268	730.0	905
0945 015	1x95 RM	19.8	0.193	978.4	1242
0945 016	1x120 RM	21.3	0.153	1225	1451
0945 017	1x150 RM	23.4	0.124	1520	1789
0945 018	1x185 RM	25.6	0.0991	1865	2186
0945 019	1x240 RM	28.4	0.0754	2404	2799
0945 020	1x300 RM	30.8	0.0601	2988	3383
0945 021	1x400 RM	34.4	0.0470	3963	4548
0945 022	1x500 RM	37.6	0.0366	4936	5602
YKYektmyn 0,6/1 kV					
0945 023	2x1,0 RE	9.8	18.1	47.0	164
0945 024	2x1,5 RE	10.3	12.1	58.6	185
0945 025	2x2,5 RE	11.1	7.41	80.6	224
0945 026	2x4 RE	12.8	4.61	116.7	304
0945 027	2x6 RE	13.8	3.08	159.2	370
0945 028	2x10 RE	15.6	1.83	242.4	501
0945 029	2x16 RE	17.4	1.15	364.9	668
0945 030	2x25 RM	21.5	0.727	553.2	1003
0945 031	2x35 RM	24.3	0.524	755.8	1310
YKYektmynżo 0,6/1 kV					
1156 002	3x1,0 RE	10.2	18.1	58.2	181
1156 003	3x1,5 RE	10.7	12.1	74.8	207
1156 001	3x2,5 RE	11.5	7.41	106.6	253
1156 004	3x4 RE	13.4	4.61	157.5	351
1156 005	3x6 RE	14.5	3.08	219.5	436
1156 006	3x10 RE	16.4	1.83	341.9	603
1156 007	3x16 RE	18.3	1.15	522.2	819
1156 008	3x25 RM	23.0	0.727	798.6	1250
1156 009	3x35 RM	25.8	0.524	1098	1635
1156 010	3x50 SM	27.0	0.387	1543	2160
1156 011	3x70 SM	30.7	0.268	2135	2643
1156 012	3x95 SM	35.7	0.193	2876	3705
1156 013	3x120 SM	38.7	0.153	3608	4369

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Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
1156 014	3x150 SM	43.1	0.124	4491	5450
1156 015	3x185 SM	47.7	0.0991	5517	6707
1156 016	3x240 SM	53.5	0.0754	7127	8658
	YKYektmynżo 0,6/1 kV				
1156 017	4x1,0 RE	10.8	18.1	70.2	205
1156 018	4x1,5 RE	11.4	12.1	91.8	238
1156 019	4x2,5 RE	12.3	7.41	134.0	294
1156 020	4x4 RE	14.4	4.61	199.9	416
1156 021	4x6 RE	15.8	3.08	281.6	530
1156 022	4x10 RE	17.7	1.83	442.8	731
1156 023	4x16 RE	20.1	1.15	682.0	1021
1156 024	4x25 RM	25.1	0.727	1047	1549
1156 025	4x35 RM	28.3	0.524	1443	2043
1156 026	4x50 SM	30.1	0.387	2037	2756
1156 027	4x70 SM	33.9	0.268	2820	3337
1156 028	4x95 SM	39.4	0.193	3803	4695
1156 029	4x120 SM	43.1	0.153	4779	5585
1156 030	4x150 SM	47.6	0.124	5948	6908
1156 031	4x185 SM	53.2	0.0991	7317	8609
1156 032	4x240 SM	59.3	0.0754	9455	11053
	YKYektmynżo 0,6/1 kV				
1156 033	5x1,0 RE	11.5	18.1	82.6	235
1156 034	5x1,5 RE	12.2	12.1	109.4	276
1156 035	5x2,5 RE	13.2	7.41	161.2	345
1156 036	5x4 RE	15.7	4.61	243.0	497
1156 037	5x6 RE	17.1	3.08	344.4	627
1156 038	5x10 RE	19.4	1.83	545.2	884
1156 039	5x16 RE	21.9	1.15	843.1	1229
1156 040	5x25 RM	27.6	0.727	1296	1882
1156 041	5x35 RM	31.1	0.524	1790	2486
1156 042	5x50 SM	33.0	0.387	2529	3355
1156 043	5x70 SM	37.6	0.268	3508	4119
1156 044	5x95 SM	43.7	0.193	4733	5793
1156 045	5x120 SM	47.4	0.153	5948	6833
1156 046	5x150 SM	53.0	0.124	7413	8555
1156 047	5x185 SM	58.6	0.0991	9114	10554
1156 048	5x240 SM	62.3	0.0754	11771	12974

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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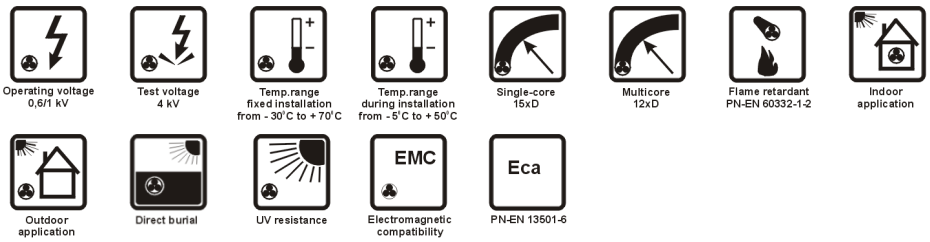
YKYektmyżo 0,6/1 kV i YKYektmy 0,6/1 kV



APPLICATIONS

YKYektmyżo 0,6/1 kV and **YKYektmy 0,6/1 kV** shielded power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

Copper tape overall shield prevents emission of interferences produced in the cables and protects the cables against external electromagnetic interferences.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:
  RE - class 1 circular single-wire,
  RM - class 2 circular multi-wire,
  SM - class 2 sector shaped multi-wire,
- PVC insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKYektmyżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- copper tape shield,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKYektmyżo-O 0,6/1 kV and YKYektmy-O 0,6/1 kV -cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKXSektmxnżo 0,6/1 kV and XnKXSektmxn 0,6/1 kV - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-93/E-90401, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C. maximum	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
	YKYektmy 0,6/1 kV				
0619 029	1x1,0 RE	7.4	18.1	27.6	94
0619 030	1x1,5 RE	7.7	12.1	33.5	104
0619 031	1x2,5 RE	8.0	7.41	44.3	118
0619 032	1x4 RE	8.9	4.61	62.3	150
0619 033	1x6 RE	9.4	3.08	83.5	177
0619 034	1x10 RE	10.2	1.83	125.4	229
0619 035	1x16 RE	11.1	1.15	186.2	297
0619 036	1x25 RM	13.1	0.727	281.0	421
0619 037	1x35 RM	14.1	0.524	381.0	526
0619 026	1x50 RM	15.9	0.387	531.3	688
0619 038	1x70 RM	17.5	0.268	730.0	905
0619 039	1x95 RM	19.8	0.193	978.4	1242
0619 027	1x120 RM	21.3	0.153	1225	1451
0619 010	1x150 RM	23.4	0.124	1520	1789
0619 040	1x185 RM	25.6	0.0991	1865	2186
0619 028	1x240 RM	28.4	0.0754	2404	2799
0619 011	1x300 RM	30.8	0.0601	2988	3383
0619 041	1x400 RM	34.4	0.0470	3963	4548
0619 042	1x500 RM	37.6	0.0366	4936	5602
	YKYektmy 0,6/1 kV				
0619 003	2x1,0 RE	9.8	18.1	47.0	164
0619 005	2x1,5 RE	10.3	12.1	58.6	185
0619 004	2x2,5 RE	11.1	7.41	80.6	224
0619 013	2x4 RE	12.8	4.61	116.7	304
0619 043	2x6 RE	13.8	3.08	159.2	370
0619 044	2x10 RE	15.6	1.83	242.4	501
0619 025	2x16 RE	17.4	1.15	364.9	668
0619 045	2x25 RM	21.5	0.727	553.2	1003
0619 046	2x35 RM	24.3	0.524	755.8	1310
	YKYektmyżo 0,6/1 kV				
0848 014	3x1,0 RE	10.2	18.1	58.2	181
0848 002	3x1,5 RE	10.7	12.1	74.8	207
0848 008	3x2,5 RE	11.5	7.41	106.6	253
0848 015	3x4 RE	13.4	4.61	157.5	351
0848 016	3x6 RE	14.5	3.08	219.5	436
0848 017	3x10 RE	16.4	1.83	341.9	603
0848 018	3x16 RE	18.3	1.15	522.2	819
0848 019	3x25 RM	23.0	0.727	798.6	1250
0848 020	3x35 RM	25.8	0.524	1098	1635
0848 021	3x50 SM	27.0	0.387	1543	2160
0848 022	3x70 SM	30.7	0.268	2135	2643
0848 023	3x95 SM	35.7	0.193	2876	3705
0848 024	3x120 SM	38.7	0.153	3608	4369

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C. maximum	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
0848 025	3x150 SM	43.1	0.124	4491	5450
0848 026	3x185 SM	47.7	0.0991	5517	6707
0848 027	3x240 SM	53.5	0.0754	7127	8658
	YKYektmyżo 0,6/1 kV				
0848 028	4x1,0 RE	10.8	18.1	70.2	205
0848 001	4x1,5 RE	11.4	12.1	91.8	238
0848 003	4x2,5 RE	12.3	7.41	134.0	294
0848 006	4x4 RE	14.4	4.61	199.9	416
0848 007	4x6 RE	15.8	3.08	281.6	530
0848 029	4x10 RE	17.7	1.83	442.8	731
0848 030	4x16 RE	20.1	1.15	682.0	1021
0848 031	4x25 RM	25.1	0.727	1047	1549
0848 011	4x35 RM	28.3	0.524	1443	2043
0848 032	4x50 SM	30.1	0.387	2037	2756
0848 033	4x70 SM	33.9	0.268	2820	3337
0848 034	4x95 SM	39.4	0.193	3803	4695
0848 035	4x120 SM	43.1	0.153	4779	5585

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C. maximum	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
0848 036	4x150 SM	47.6	0.124	5948	6908
0848 037	4x185 SM	53.2	0.0991	7317	8609
0848 038	4x240 SM	59.3	0.0754	9455	11053
	YKYektmyżo 0,6/1 kV				
0848 009	5x1,0 RE	11.5	18.1	82.6	235
0848 004	5x1,5 RE	12.2	12.1	109.4	276
0848 005	5x2,5 RE	13.2	7.41	161.2	345
0848 010	5x4 RE	15.7	4.61	243.0	497
0848 039	5x6 RE	17.1	3.08	344.4	627
0848 012	5x10 RE	19.4	1.83	545.2	884
0848 040	5x16 RE	21.9	1.15	843.1	1229
0848 013	5x25 RM	27.6	0.727	1296	1882
0848 041	5x35 RM	31.1	0.524	1790	2486
0848 042	5x50 SM	33.0	0.387	2529	3355
0848 043	5x70 SM	37.6	0.268	3508	4119
0848 044	5x95 SM	43.7	0.193	4733	5793
0848 045	5x120 SM	47.4	0.153	5948	6833

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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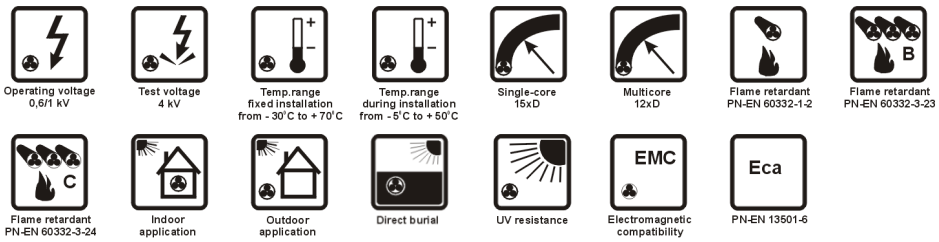
YnKYekwżo 0,6/1 kV, YnKYekw 0,6/1 kV



APPLICATIONS

YnKYekwżo 0,6/1 kV and **YnKYekw 0,6/1 kV** shielded power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

The cables are protected by an overall electrostatic shield against external electric interferences and prevents emission of interferences produced in the cables.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:

  RE - class 1 circular single-wire,

  RM - class 2 circular multi-wire,

  SM - class 2 sector shaped multi-wire,
- PVC insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YnKYekwżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- cable core wrapped in polyester tape,
- overall electrostatic shield incorporating aluminium-polyester tape and annealed tinned copper drain wire,
- black PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

YKYekwżo-O 0,6/1 kV i **YKYekw-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKXSekwżo 0,6/1 kV i **XnKXSekw 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
> 25 mm²	PN-EN 60332-3-23, IEC 60332-3-23
< 25 mm²	PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-93/E-90401, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
	YnKYekw 0,6/1 kV				
0983 002	2x1,0 RE	8.1	18.1	31.6	89
0983 001	2x1,5 RE	8.6	12.1	43.6	104
0983 007	2x2,5 RE	9.4	7.41	62.8	129
0983 008	2x4 RE	11.1	4.61	95.8	182
0983 009	2x6 RE	12.1	3.08	134.2	229
0983 010	2x10 RE	13.7	1.83	211.0	319
0983 011	2x16 RE	15.5	1.15	331.0	444
	YnKYekwżo 0,6/1 kV				
1237 005	3x1,0 RE	8.5	18.1	41.2	107
1237 006	3x1,5 RE	9.0	12.1	58.0	127
1237 002	3x2,5 RE	9.8	7.41	86.8	162
1237 007	3x4 RE	11.7	4.61	134.2	234
1237 008	3x6 RE	12.8	3.08	191.8	301
1237 009	3x10 RE	14.5	1.83	307.0	430
1237 010	3x16 RE	16.4	1.15	484.6	610

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
	YnKYekwżo 0,6/1 kV				
1237 001	4x1,0 RE	9.1	18.1	50.8	127
1237 011	4x1,5 RE	9.7	12.1	72.4	152
1237 004	4x2,5 RE	10.6	7.41	110.8	197
1237 012	4x4 RE	12.7	4.61	172.6	293
1237 013	4x6 RE	13.9	3.08	249.4	380
1237 014	4x10 RE	15.8	1.83	403.0	551
1237 015	4x16 RE	18.0	1.15	638.2	791
	YnKYekwżo 0,6/1 kV				
1237 016	5x1,0 RE	9.8	18.1	60.4	150
1237 003	5x1,5 RE	10.5	12.1	86.8	183
1237 017	5x2,5 RE	11.5	7.41	134.8	240
1237 018	5x4 RE	13.8	4.61	211.0	356
1237 019	5x6 RE	15.2	3.08	307.0	465
1237 020	5x10 RE	17.3	1.83	499.0	680
1237 021	5x16 RE	19.8	1.15	791.8	981

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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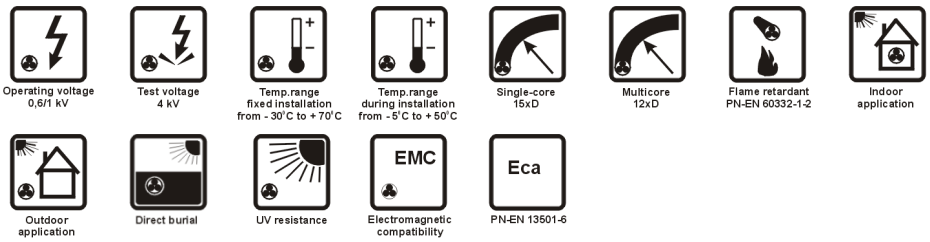
RoHS COMPLIANT CE

YKYekwżo 0,6/1 kV, YKYekw 0,6/1 kV



APPLICATIONS

YKYekwżo 0,6/1 kV and **YKYekw 0,6/1 kV** shielded power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

The cables are protected by an overall electrostatic shield against external electric interferences and prevents emission of interferences produced in the cables.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:
  RE - class 1 circular single-wire,
  RM - class 2 circular multi-wire,
  SM - class 2 sector shaped multi-wire,
- PVC insulation - colours in accordance with PN-HD 308 standard, green-yellow protective conductor in **YKYekwżo 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- cable core wrapped in polyester tape,
- overall electrostatic shield incorporating aluminium-polyester tape and annealed tinned copper drain wire,
- black PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

YKYekwżo-O 0,6/1 kV and **YKYekw-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKXSekwżo 0,6/1 kV and **XnKXSekw 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cable**s as above applied in locations where enhanced protection against mechanical damages is required.

CHARACTERISTICS

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-93/E-90401, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
	YKYekw 0,6/1 kV				
0657 001	2x1,0 RE	8.1	18.1	31.6	89
0657 008	2x1,5 RE	8.6	12.1	43.6	104
0657 016	2x2,5 RE	9.4	7.41	62.8	129
0657 011	2x4 RE	11.1	4.61	95.8	182
0657 018	2x6 RE	12.1	3.08	134.2	229
0657 019	2x10 RE	13.7	1.83	211.0	319
0657 020	2x16 RE	15.5	1.15	331.0	444
	YKYekwżo 0,6/1 kV				
0933 004	3x1,0 RE	8.5	18.1	41.2	107
0933 005	3x1,5 RE	9.0	12.1	58.0	127
0933 002	3x2,5 RE	9.8	7.41	86.8	162
0933 009	3x4 RE	11.7	4.61	134.2	234
0933 010	3x6 RE	12.8	3.08	191.8	301
0933 011	3x10 RE	14.5	1.83	307.0	430
0933 012	3x16 RE	16.4	1.15	484.6	610
0933 013	4x1,0 RE	9.1	18.1	50.8	127
0933 014	4x1,5 RE	9.7	12.1	72.4	152

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	DC conductor resistance at 20°C, max.	Copper index	Cable weight (appr.)
	mm²	mm	Ω/km	kg/km	kg/km
0933 001	4x2,5 RE	10.6	7.41	110.8	197
0933 015	4x4 RE	12.7	4.61	172.6	293
0933 016	4x6 RE	13.9	3.08	249.4	380
0933 017	4x10 RE	15.8	1.83	403.0	551
0933 018	4x16 RE	18.0	1.15	638.2	791
0933 007	4x25 RM	23.0	0.727	983.8	1304
0933 025	4x35 RM	25.7	0.524	1367.8	1722
0933 006	4x50 RM	29.7	0.387	1953.4	2324
0933 026	4x70 RM	33.8	0.268	2721.4	2324
	YKYekwżo 0,6/1 kV				
0933 019	5x1,0 RE	9.8	18.1	60.4	150
0933 020	5x1,5 RE	10.5	12.1	86.8	183
0933 008	5x2,5 RE	11.5	7.41	134.8	240
0933 021	5x4 RE	13.8	4.61	211.0	356
0933 022	5x6 RE	15.2	3.08	307.0	465
0933 023	5x10 RE	17.3	1.83	499.0	680
0933 024	5x16 RE	19.8	1.15	791.8	981

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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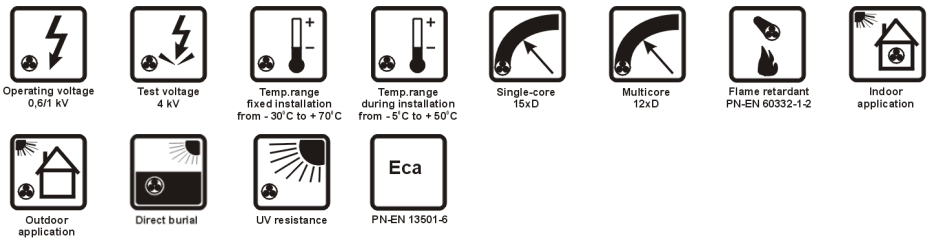
NYY-O 0,6/1 kV, NYY-J 0,6/1 kV



APPLICATIONS

NYY-O 0,6/1 kV and **NYY-J 0,6/1 kV** power cables are designed for electric power transmission. They are also applied in power circuits in industrial plants and power stations and in local distribution networks.

The cables are suitable for indoor and outdoor installations, for laying in cable ducts and for direct earth burial.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:
  RE - class 1 circular single-wire,
  RM - class 2 circular multi-wire,
  SM - class 2 sector shaped multi-wire,
- PVC insulation – colours:
  in accordance with PN-HD 308 standard,
  or black and white conductor number printed on it,
  green-yellow protective conductor in **NYY-J 0,6/1 kV** and **NYY-JZ 0,6/1 kV cable**,
- insulated conductors laid-up in layers,
- inner covering,
- black PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

N2XY-O 0,6/1 kV and **N2XY-J 0,6/1 kV** - cross-linked polyethylene (XLPE) insulated and PVC sheathed power cables with better electric performances, smaller dimensions and weight in relation to the PVC insulated cables.

N2XH-O 0,6/1 kV and **N2XH-J 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

CHARACTERISTICS

Conductor cross-section	mm²	1.5	2.5	4	6	10	16	25	35
DC conductor resistance at 20°C, maximum	Ω/km	12.1	7.41	4.61	3.08	1.83	1.15	0.727	0.524
Conductor cross-section	mm²	50	70	95	120	150	185	240	300
DC conductor resistance at 20°C, maximum	Ω/km	0.387	0.268	0.193	0.153	0.124	0.0991	0.0754	0.0601

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	
single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	PN-HD 603 S1, DIN VDE 0276 part 603, IEC 60502-1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

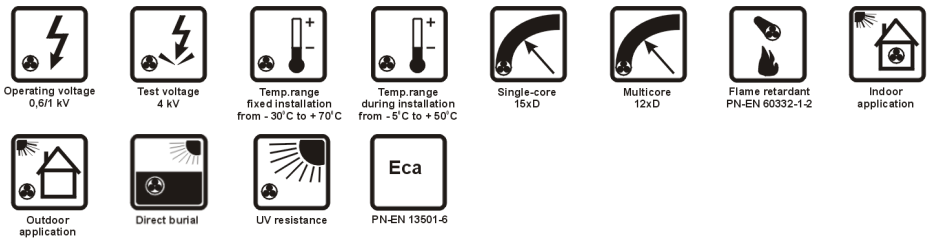
The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
	NYY-O			
1013 008	1 x 1,5 RE	7.0	14.4	65
1013 007	1 x 2,5 RE	7.4	24.0	85
1013 009	1 x 4,0 RE	8.3	38.4	110
1013 010	1 x 6,0 RE	8.8	58.0	135
1013 011	1 x 10 RE	9.6	96.0	185
1013 012	1 x 16 RE	10.6	154.0	260
1013 013	1 x 25 RM	12.4	240.0	365
1013 014	1 x 35 RM	13.4	336.0	475
1013 015	1 x 50 RM	15.0	480.0	615
1013 016	1 x 70 RM	17.0	672.0	830
1013 005	1 x 95 RM	19.0	912.0	1120
1013 017	1 x 120 RM	20.5	1152	1360
1013 018	1 x 150 RM	22.0	1440	1650
1013 019	1 x 185 RM	24.5	1776	2040
1013 020	1 x 240 RM	27.0	2304	2620
1013 021	1 x 300 RM	30.0	2880	3270
	NYY-O			
1013 022	2 x 1,5 RE	12.0	28.8	193
1013 023	2 x 2,5 RE	12.8	48	235
1013 024	2 x 4,0 RE	14.5	77	320
1013 025	2 x 6,0 RE	15.5	115	385
1013 026	2 x 10 RE	17.2	192	520
1013 027	2 x 16 RE	19.2	307	705
1013 028	2 x 25 RM	22.8	480	1010
	NYY-J			
1013 003	3 x 1,5 RE	12.4	43.2	220
1013 004	3 x 2,5 RE	13.3	72.0	270
1013 029	3 x 4,0 RE	15.2	115.0	375
1013 030	3 x 6,0 RE	16.3	173.0	460
1013 031	3 x 10 RE	18.1	288.0	635
1013 032	3 x 16 RE	20.2	461.0	890
1013 033	3 x 25 RM	24.1	720.0	1270
1013 034	3 x 25 RM/ 16 RE	26.3	874.0	1550
1013 035	3 x 35 SM/ 16 RE	27.5	1162	1700
1013 036	3 x 50 SM/ 25 RM	30.5	1680	2200
	NYY-J			
1013 044	4 x 1,5 RE	13.2	58.0	255
1013 037	4 x 2,5 RE	14.2	96.0	320
1013 045	4 x 4,0 RE	16.3	154.0	445
1013 046	4 x 6,0 RE	17.5	230.0	560
1013 047	4 x 10 RE	19.5	384.0	780
1013 048	4 x 16 RE	21.9	614.0	1100
1013 042	4 x 25 RM	26.3	960.0	1590
1013 049	4 x 35 SM	27.5	1344	1770
1013 050	4 x 50 SM	30.5	1920	2350

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
	NYY-J			
1013 052	5 x 1,5 RE	14.0	72.0	295
1013 038	5 x 2,5 RE	15.1	120.0	370
1013 039	5 x 4,0 RE	17.5	192.0	525
1013 040	5 x 6,0 RE	18.9	288.0	660
1013 041	5 x 10 RE	21.1	480.0	935
1013 001	5 x 16 RE	23.8	768.0	1330
1013 043	5 x 25 RM	28.9	1200	1930
1013 053	5 x 35 SM	32.4	1680	2600
1013 051	5 x 50 SM	36.9	2400	3600
	NYY-JZ			
1013 056	7 x 1,5 RE	15.0	101.0	350
1013 054	10 x 1,5 RE	18.0	144.0	480
1013 055	12 x 1,5 RE	18.5	173.0	520
1013 057	14 x 1,5 RE	19.3	202.0	575
1013 058	19 x 1,5 RE	21.0	274.0	715
1013 059	24 x 1,5 RE	24.0	346.0	880
1013 060	30 x 1,5 RE	25.2	432.0	1030
1013 061	40 x 1,5 RE	27.9	576.0	1300
	NYY-JZ			
1013 062	7 x 2,5 RE	16.2	168.0	450
1013 063	10 x 2,5 RE	19.6	240.0	625
1013 064	12 x 2,5 RE	20.1	288.0	680
1013 065	14 x 2,5 RE	21.0	336.0	760
1013 066	19 x 2,5 RE	23.0	456.0	955
1013 067	24 x 2,5 RE	26.4	576.0	1190
1013 068	30 x 2,5 RE	27.8	720.0	1400
1013 069	40 x 2,5 RE	31.0	960.0	1790
	NYY-JZ			
1013 070	7 x 4 RE	18.9	269.0	645
1013 071	10 x 4 RE	23.1	384.0	905
1013 072	12 x 4 RE	23.8	461.0	1000
1013 073	14 x 4 RE	24.9	538.0	1120
1013 074	19 x 4 RE	27.4	730.0	1430

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

NYCY 0,6/1 kV



APPLICATIONS

NYCY 0,6/1 kV power cables are designed for electric power transmission. They are also applied in control, protection and monitoring systems in power engineering.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of PN-EN 60228 standard:
  RE - class 1 circular single-wire,
  RM - class 2 circular multi-wire,
  SM - class 2 sector shaped multi-wire,
- PVC insulation – colours:
  to 5 wires in accordance with PN-HD 308 S2 standard,
  above 5 wires in accordance with EN 50334 standard,
- insulated conductors laid-up in layers,
- inner covering,
- concentric conductor formed by bare copper wires with counter helix of copper tape,
- polyester tape,
- black PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

N2XCH 0,6/1 kV - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

NHXCH FE180 PH90/E30-E90 0,6/1 kV – fire-resistant power cables with halogen free insulation and sheath, intended for fire devices, operating in case of a fire (e.g. for supplying water pumps, smoke removal fans).

CHARACTERISTICS

Conductor cross-section	mm²	1.5	2.5	4	6	10	16	25	35
DC conductor resistance at 20°C, maximum	Ω/km	12.1	7.41	4.61	3.08	1.83	1.15	0.727	0.524

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RoHS COMPLIANT CE

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

single wire cables	15 x cable diameter
multi wire cables	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	PN-HD 603 S1, DIN VDE 0276 part 603, IEC 60502-1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Minimum bending radius

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1293 003	2 x 1,5 RE/1,5	13.3	52	240
1293 006	2 x 2,5 RE/2,5	14.5	80	295
1293 017	2 x 4 RE/4	16.2	123	390
1293 007	2 x 6 RE/6	17.8	182	505
1293 018	2 x 10 RE/10	19.7	312	670
1293 008	2 x 16 RE/16	22.2	489	940
1293 005	3 x 1,5 RE/1,5	13.6	66	265
1293 009	3 x 2,5 RE/2,5	14.6	104	320
1293 004	3 x 4 RE/4	16.9	161	450
1293 010	3 x 6 RE/6	18.0	240	540
1293 011	3 x 10 RE/10	20.4	408	780
1293 012	3 x 16 RE/16	23.2	643	1140
1293 001	4 x 1,5 RE/1,5	14.4	81	300
1293 013	4 x 2,5 RE/2,5	15.5	128	370
1293 014	4 x 4 RE/4	18.0	200	525
1293 019	4 x 6 RE/6	19.2	297	645
1293 002	4 x 10 RE/10	21.8	504	940
1293 020	4 x 16 RE/16	24.4	796	1310
1293 015	4 x 25 RM/16	28.8	1152	1820
1293 021	4 x 35 RM/16	31.2	1536	2340
1293 022	5 x 1,5 RE/1,5	15.3	95	340
1293 023	5 x 2,5 RE/2,5	16.5	152	430
1293 024	5 x 4 RE/4	19.2	238	615
1293 025	5 x 6 RE/6	20.6	355	760
1293 026	5 x 10 RE/10	23.4	600	1110

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1293 027	7 x 1,5 RE/2,5	16.3	133	405
1293 028	7 x 2,5 RE/2,5	17.5	200	505
1293 029	7 x 4 RE/4	20.1	315	715
1293 030	7 x 6 RE/6	22.0	470	925
1293 031	10 x 1,5 RE/2,5	19.1	176	535
1293 032	10 x 2,5 RE/4	20.9	286	695
1293 033	10 x 4 RE/6	24.7	451	1030
1293 034	12 x 1,5 RE/2,5	19.6	205	585
1293 035	12 x 2,5 RE/4	21.4	334	760
1293 036	12 x 4 RE/6	25.4	528	1120
1293 037	14 x 1,5 RE/2,5	20.4	234	645
1293 016	14 x 2,5 RE/6	22.6	403	870
1293 038	16 x 1,5 RE/4	21.4	276	715
1293 039	16 x 2,5 RE/6	23.6	451	960
1293 040	19 x 1,5 RE/4	22.3	320	795
1293 041	19 x 2,5 RE/6	24.6	523	1080
1293 042	21 x 1,5 RE/6	23.5	369	885
1293 043	21 x 2,5 RE/10	25.6	571	1170
1293 044	24 x 1,5 RE/6	25.6	413	1010
1293 045	24 x 2,5 RE/10	28.0	696	1320
1293 046	30 x 1,5 RE/6	26.8	499	1160
1293 047	30 x 2,5 RE/10	29.6	840	1560
1293 048	40 x 1,5 RE/6	29.3	696	1420
1293 049	40 x 2,5 RE/10	33.0	1080	1990

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.


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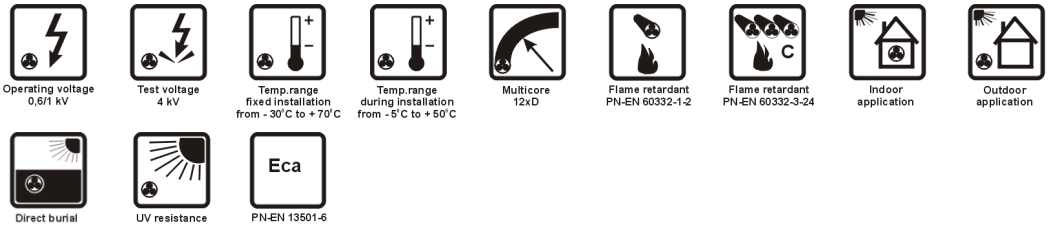
YnKSXS-Nr 0,6/1 kV, YnKSXSżo-Nr 0,6/1 kV



APPLICATIONS

YnKSXS-Nr 0,6/1 kV and **YnKSXSżo-Nr 0,6/1 kV** control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black cross-linked polyethylene (XLPE) insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YnKSXSżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in layers,
- cable core wrapped in polyester tape,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSXSżo-Nr-O 0,6/1 kV and **YKSXS-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

YKSwXSżo-Nr 0,6/1 kV and **YKSwXS-Nr 0,6/1 kV** - cables with inner covering extruded directly on a cable core, recommended for direct earth burial.

XnKSXSżo-Nr 0,6/1 kV and **XnKSXS-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

CHARACTERISTICS

Conductor cross-section	mm²	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2 PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-93/E-90401, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
0789 007	7 x 1,0	10.1	67.2	153
0789 004	10 x 1,0	12.4	96.0	207
0789 014	12 x 1,0	12.8	115.2	234
0789 015	14 x 1,0	13.4	134.4	262
0789 016	16 x 1,0	14.1	153.6	294
0789 017	19 x 1,0	14.8	182.4	332
0789 001	24 x 1,0	17.1	230.4	410
0789 018	30 x 1,0	18.0	288.0	487
0789 019	37 x 1,0	19.4	355.2	580
0789 020	48 x 1,0	22.2	460.8	741
0789 021	61 x 1,0	24.2	585.6	907
0789 008	6 x 1,5	10.9	86.4	182
0789 022	7 x 1,5	10.9	100.8	193
0789 047	8 x 1,5	12.4	115.2	235
0789 003	10 x 1,5	13.4	144.0	263
0789 012	12 x 1,5	13.8	172.8	299
0789 006	14 x 1,5	14.5	201.6	338
0789 023	16 x 1,5	15.2	230.4	379
0789 009	19 x 1,5	16.0	273.6	432
0789 048	20 x 1,5	16.8	288.0	464
0789 049	21 x 1,5	17.6	302.4	497
0789 005	24 x 1,5	18.5	345.6	535

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
0789 011	30 x 1,5	19.6	432.0	643
0789 024	37 x 1,5	21.1	532.8	770
0789 025	48 x 1,5	24.3	691.2	984
0789 026	61 x 1,5	26.6	878.4	1228
0789 002	7 x 2,5	12.0	168.0	264
0789 050	8 x 2,5	13.8	192.0	322
0789 027	10 x 2,5	14.9	240.0	365
0789 028	12 x 2,5	15.4	288.0	419
0789 029	14 x 2,5	16.2	336.0	477
0789 030	16 x 2,5	17.0	384.0	537
0789 010	19 x 2,5	17.9	456.0	618
0789 031	24 x 2,5	20.8	576.0	768
0789 032	30 x 2,5	22.2	720.0	941
0789 033	37 x 2,5	23.9	888.0	1129
0789 013	48 x 2,5	27.5	1152.0	1450
0789 034	7 x 4	13.4	268.8	372
0789 035	10 x 4	16.8	384.0	518
0789 036	12 x 4	17.3	460.8	597
0789 037	14 x 4	18.2	537.6	682
0789 038	16 x 4	19.2	614.4	773
0789 039	7 x 6	14.9	403.2	510
0789 040	10 x 6	18.8	576.0	713

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RoHS COMPLIANT CE

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
0789 041	12 x 6	19.4	691.2	827
0789 042	14 x 6	20.4	806.4	949
0789 043	7 x 10	17.3	672.0	785

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
0789 044	10 x 10	22.2	960.0	1116
0789 045	7 x 16	20.0	1075.2	1175
0789 046	10 x 16	26.0	1536.0	1674

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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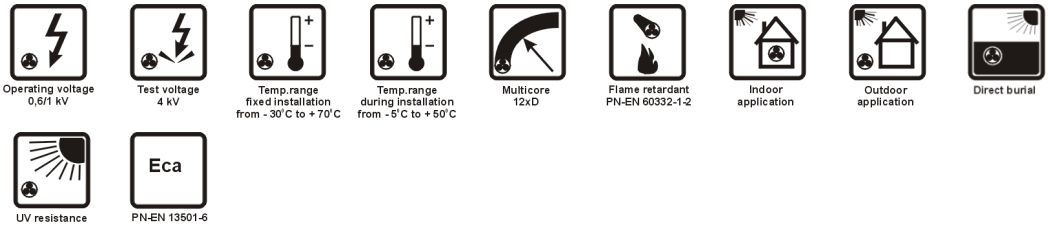
YKSXSżo-Nr 0,6/1 kV, YKSXS-Nr 0,6/1 kV



APPLICATIONS

YKSXSżo-Nr 0,6/1 kV and **YKSXS-Nr 0,6/1 kV** control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black cross-linked polyethylene (XLPE) insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSXSżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in layers,
- cable core wrapped in polyester tape,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSXSżo-Nr-O 0,6/1 kV and **YKSXS-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

YKSwXSżo-Nr 0,6/1 kV and **YKSwXS-Nr 0,6/1 kV** - cables with inner covering extruded directly on a cable core, recommended for direct earth burial.

XnKSXSżo-Nr 0,6/1 kV and **XnKSXS-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

CHARACTERISTICS

Conductor cross-section	mm^2	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

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RoHS COMPLIANT CE

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	PN-HD 603 S1, IEC 60502-1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

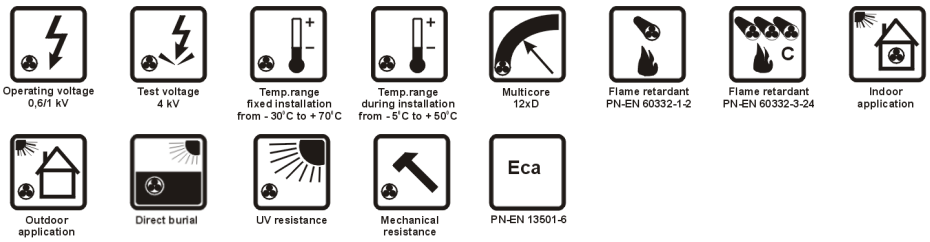
The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1610 011	7 x 1,0	10.1	67.2	153
1610 012	10 x 1,0	12.4	96.0	207
1610 013	12 x 1,0	12.8	115.2	234
1610 014	14 x 1,0	13.4	134.4	262
1610 015	16 x 1,0	14.1	153.6	294
1610 016	19 x 1,0	14.8	182.4	332
1610 017	24 x 1,0	17.1	230.4	410
1610 018	30 x 1,0	18.0	288.0	487
1610 019	37 x 1,0	19.4	355.2	580
1610 020	48 x 1,0	22.2	460.8	741
1610 021	61 x 1,0	24.2	585.6	907
1610 046	6 x 1,5	10.9	86.4	182
1610 003	7 x 1,5	10.9	100.8	193
1610 004	10 x 1,5	13.4	144.0	263
1610 005	12 x 1,5	13.8	172.8	299
1610 002	14 x 1,5	14.5	201.6	338
1610 022	16 x 1,5	15.2	230.4	379
1610 023	19 x 1,5	16.0	273.6	432
1610 024	24 x 1,5	18.5	345.6	535
1610 025	30 x 1,5	19.6	432.0	643
1610 026	37 x 1,5	21.1	532.8	770
1610 027	48 x 1,5	24.3	691.2	984
1610 028	61 x 1,5	26.6	878.4	1228
1610 047	6 x 2,5	12.0	144.0	246

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1610 001	7 x 2,5	12.0	168.0	264
1610 006	10 x 2,5	14.9	240.0	365
1610 007	12 x 2,5	15.4	288.0	419
1610 008	14 x 2,5	16.2	336.0	477
1610 029	16 x 2,5	17.0	384.0	537
1610 030	19 x 2,5	17.9	456.0	618
1610 009	24 x 2,5	20.8	576.0	768
1610 031	30 x 2,5	22.2	720.0	941
1610 010	37 x 2,5	23.9	888.0	1129
1610 032	48 x 2,5	27.5	1152.0	1450
1610 033	7 x 4	13.4	268.8	372
1610 034	10 x 4	16.8	384.0	518
1610 035	12 x 4	17.3	460.8	597
1610 036	14 x 4	18.2	537.6	682
1610 037	16 x 4	19.2	614.4	773
1610 038	7 x 6	14.9	403.2	510
1610 039	10 x 6	18.8	576.0	713
1610 040	12 x 6	19.4	691.2	827
1610 041	14 x 6	20.4	806.4	949
1610 042	7 x 10	17.3	672.0	785
1610 043	10 x 10	22.2	960.0	1116
1610 044	7 x 16	20.0	1075.2	1175
1610 045	10 x 16	26.0	1536.0	1674

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

YKSXSFoynżo-Nr 0,6/1 kV, YKSXSFoyn-Nr 0,6/1 kV



APPLICATIONS

YKSXSFoynżo-Nr 0,6/1 kV and **YKSXSFoyn-Nr 0,6/1 kV** armoured control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Galvanized steel wire armour provides carrying an axial load of the cable during installation and exploitation. It also offers enhanced protection against mechanical damages and rodent attack, as well as shielding properties.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black cross-linked polyethylene (XLPE) insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSXSFoynżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in layers,
- PVC cable sheath,
- galvanized steel wire armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSXSFoyżo-Nr-O 0,6/1 kV and **YKSXSFoy-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKSXSFoxnżo-Nr 0,6/1 kV and **XnKSXSFoxn-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm^2	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

TECHNOKABEL®
Connecting since 1982

RoHS COMPLIANT CE

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2, PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

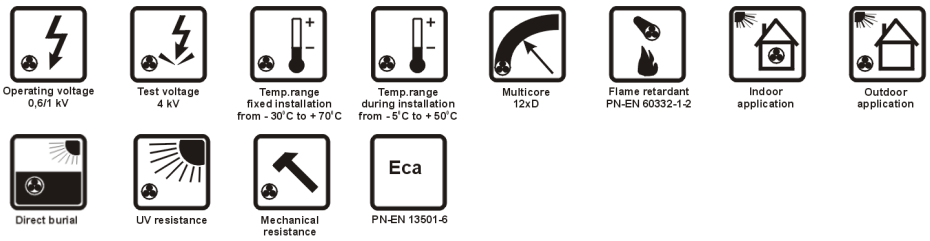
The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm2	mm	kg/km	kg/km
1490 003	7 x 1,0	13.3	67.2	392
1490 004	10 x 1,0	15.8	96.0	514
1490 005	12 x 1,0	16.2	115.2	545
1490 006	14 x 1,0	16.8	134.4	587
1490 007	16 x 1,0	17.5	153.6	638
1490 008	19 x 1,0	18.2	182.4	690
1490 009	24 x 1,0	21.4	230.4	980
1490 010	30 x 1,0	22.3	288.0	1081
1490 011	37 x 1,0	23.9	355.2	1227
1490 012	48 x 1,0	26.5	460.8	1460
1490 013	61 x 1,0	28.7	585.6	1708
1490 001	7 x 1,5	14.1	100.8	453
1490 014	10 x 1,5	16.8	144.0	594
1490 015	12 x 1,5	17.2	172.8	640
1490 016	14 x 1,5	17.9	201.6	692
1490 017	16 x 1,5	18.6	230.4	747
1490 018	19 x 1,5	19.6	273.6	830
1490 019	24 x 1,5	23.0	345.6	1161
1490 020	30 x 1,5	24.1	432.0	1294
1490 021	37 x 1,5	25.6	532.8	1473
1490 022	48 x 1,5	28.8	691.2	1791
1490 023	61 x 1,5	31.1	878.4	2104
1490 024	7 x 2,5	15.2	168.0	554

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm2	mm	kg/km	kg/km
1490 025	10 x 2,5	18.3	240.0	736
1490 026	12 x 2,5	18.8	288.0	800
1490 002	14 x 2,5	19.8	336.0	887
1490 027	16 x 2,5	21.3	384.0	1099
1490 028	19 x 2,5	22.2	456.0	1205
1490 029	24 x 2,5	25.3	576.0	1470
1490 030	30 x 2,5	26.5	720.0	1667
1490 031	37 x 2,5	28.4	888.0	1925
1490 032	48 x 2,5	32.6	1152.0	2540
1490 033	7 x 4	16.8	268.8	704
1490 034	10 x 4	21.1	384.0	1093
1490 035	12 x 4	21.6	460.8	1183
1490 036	14 x 4	22.5	537.6	1294
1490 037	16 x 4	23.7	614.4	1434
1490 038	7 x 6	18.3	403.2	882
1490 039	10 x 6	23.3	576.0	1376
1490 040	12 x 6	23.9	691.2	1502
1490 041	14 x 6	24.9	806.4	1650
1490 042	7 x 10	21.6	672.0	1376
1490 043	10 x 10	26.5	960.0	1884
1490 044	7 x 16	24.5	1075.2	1875
1490 045	10 x 16	30.5	1536.0	2619

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

YKSXSFoyżo-Nr 0,6/1 kV, YKSXSFoy-Nr 0,6/1 kV



APPLICATIONS

YKSXSFoyżo-Nr 0,6/1 kV and **YKSXSFoy-Nr 0,6/1 kV** armoured control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Galvanized steel wire armour provides carrying an axial load of the cable during installation and exploitation. It also offers enhanced protection against mechanical damages and rodent attack, as well as shielding properties.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black cross-linked polyethylene (XLPE) insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in YKSXSFoyżo-Nr 0,6/1 kV cable,
- insulated conductors laid-up in layers,
- PVC cable sheath,
- galvanized steel wire armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSXSFoyżo-Nr-O 0,6/1 kV and **YKSXSFoy-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKSXSFoxnżo-Nr 0,6/1 kV and **XnKSXSFoxn-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm^2	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

TECHNOKABEL®
Connecting since 1982

RoHS COMPLIANT CE

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

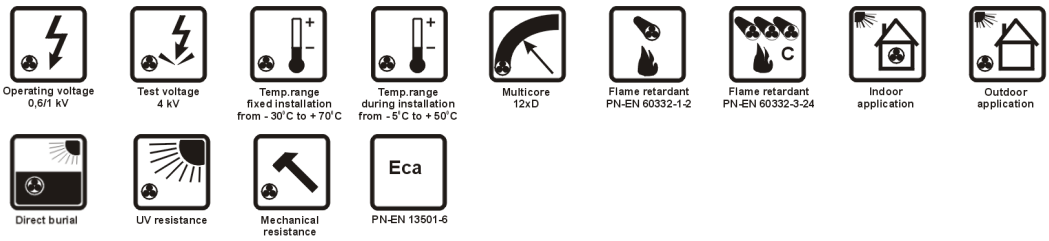
Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1483 008	7 x 1,0	13.3	67.2	392
1483 009	10 x 1,0	15.8	96.0	514
1483 010	12 x 1,0	16.2	115.2	545
1483 011	14 x 1,0	16.8	134.4	587
1483 012	16 x 1,0	17.5	153.6	638
1483 013	19 x 1,0	18.2	182.4	690
1483 014	24 x 1,0	21.4	230.4	980
1483 015	30 x 1,0	22.3	288.0	1081
1483 016	37 x 1,0	23.9	355.2	1227
1483 017	48 x 1,0	26.5	460.8	1460
1483 018	61 x 1,0	28.7	585.6	1708
1483 001	7 x 1,5	14.1	100.8	453
1483 019	10 x 1,5	16.8	144.0	594
1483 020	12 x 1,5	17.2	172.8	640
1483 002	14 x 1,5	17.9	201.6	692
1483 021	16 x 1,5	18.6	230.4	747
1483 022	19 x 1,5	19.6	273.6	830
1483 023	24 x 1,5	23.0	345.6	1161
1483 024	30 x 1,5	24.1	432.0	1294
1483 025	37 x 1,5	25.6	532.8	1473
1483 026	48 x 1,5	28.8	691.2	1791
1483 027	61 x 1,5	31.1	878.4	2104
1483 003	7 x 2,5	15.2	168.0	554

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1483 005	10 x 2,5	18.3	240.0	736
1483 004	12 x 2,5	18.8	288.0	800
1483 028	14 x 2,5	19.8	336.0	887
1483 029	16 x 2,5	21.3	384.0	1099
1483 006	19 x 2,5	22.2	456.0	1205
1483 007	24 x 2,5	25.3	576.0	1470
1483 030	30 x 2,5	26.5	720.0	1667
1483 031	37 x 2,5	28.4	888.0	1925
1483 032	48 x 2,5	32.6	1152	2540
1483 033	7 x 4	16.8	268.8	704
1483 034	10 x 4	21.1	384.0	1093
1483 035	12 x 4	21.6	460.8	1183
1483 036	14 x 4	22.5	537.6	1294
1483 037	16 x 4	23.7	614.4	1434
1483 038	7 x 6	18.3	403.2	882
1483 039	10 x 6	23.3	576.0	1376
1483 040	12 x 6	23.9	691.2	1502
1483 041	14 x 6	24.9	806.4	1650
1483 042	7 x 10	21.6	672.0	1376
1483 043	10 x 10	26.5	960.0	1884
1483 044	7 x 16	24.5	1075	1875
1483 045	10 x 16	30.5	1536	2619

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

TECHNOKABEL
Connecting since 1982

YKSXSFtynżo-Nr 0,6/1 kV, YKSXSFtyn-Nr 0,6/1 kV



APPLICATIONS

YKSXSFtynżo-Nr 0,6/1 kV and **YKSXSFtyn-Nr 0,6/1 kV** armoured control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Steel tape armour offers enhanced protection against mechanical damages and rodent attack, it has also shielding properties.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black cross-linked polyethylene (XLPE) insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSXSFtynżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel tape armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSXSFtyżo-Nr-O 0,6/1 kV and **YKSXSFty-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKSXSFtxnżo-Nr 0,6/1 kV and **XnKSXSFtxn-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm2	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

TECHNOKABEL®
Connecting since 1982

RoHS COMPLIANT CE

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant

Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2, PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

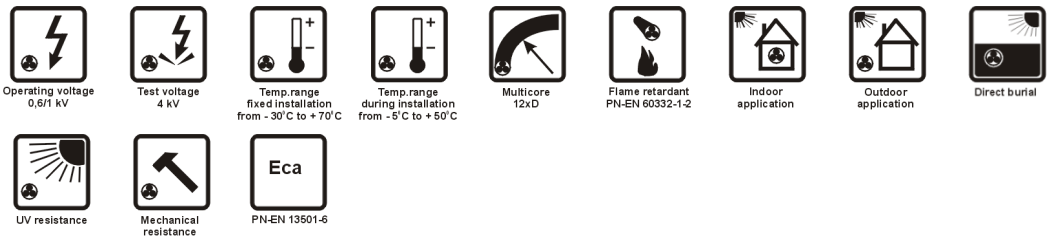
The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1760 001	7 x 1,0	12.3	67.2	278
1760 002	10 x 1,0	14.6	96.0	366
1760 003	12 x 1,0	15.0	115.2	395
1760 004	14 x 1,0	15.8	134.4	438
1760 005	16 x 1,0	16.5	153.6	479
1760 006	19 x 1,0	17.2	182.4	526
1760 007	24 x 1,0	19.7	230.4	648
1760 008	30 x 1,0	20.6	288.0	734
1760 009	37 x 1,0	22.0	355.2	846
1760 010	48 x 1,0	24.8	460.8	1045
1760 011	61 x 1,0	27.0	585.6	1253
1760 012	7 x 1,5	13.1	100.8	330
1760 013	10 x 1,5	15.8	144.0	445
1760 014	12 x 1,5	16.2	172.8	483
1760 015	14 x 1,5	16.9	201.6	530
1760 016	16 x 1,5	17.6	230.4	580
1760 017	19 x 1,5	18.4	273.6	643
1760 018	24 x 1,5	21.1	345.6	796
1760 019	30 x 1,5	22.2	432.0	915
1760 020	37 x 1,5	23.9	532.8	1073
1760 021	48 x 1,5	27.1	691.2	1337
1760 022	61 x 1,5	29.2	878.4	1597
1760 023	7 x 2,5	14.2	168.0	417

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1760 024	10 x 2,5	17.3	240.0	572
1760 025	12 x 2,5	17.8	288.0	629
1760 026	14 x 2,5	18.6	336.0	696
1760 027	16 x 2,5	19.6	384.0	776
1760 028	19 x 2,5	20.5	456.0	868
1760 029	24 x 2,5	23.6	576.0	1078
1760 030	30 x 2,5	24.8	720.0	1252
1760 031	37 x 2,5	26.5	888.0	1466
1760 032	48 x 2,5	30.1	1152	1841
1760 033	7 x 4	15.8	268.8	555
1760 034	10 x 4	19.4	384.0	769
1760 035	12 x 4	19.9	460.8	852
1760 036	14 x 4	20.8	537.6	948
1760 037	16 x 4	21.8	614.4	1052
1760 038	7 x 6	17.3	403.2	718
1760 039	10 x 6	21.4	576.0	1002
1760 040	12 x 6	22.0	691.2	1122
1760 041	14 x 6	23.2	806.4	1266
1760 042	7 x 10	19.9	672.0	1045
1760 043	10 x 10	24.8	960.0	1469
1760 044	7 x 16	22.6	1075	1487
1760 045	10 x 16	28.6	1536	2118

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

YKSXSFtyżo-Nr 0,6/1 kV, YKSXSFty-Nr 0,6/1 kV



APPLICATIONS

YKSXSFtyżo-Nr 0,6/1 kV and **YKSXSFty-Nr 0,6/1 kV** armoured control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Steel tape armour offers enhanced protection against mechanical damages and rodent attack, it has also shielding properties.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black cross-linked polyethylene (XLPE) insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSXSFtyżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel tape armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSXSFtyżo-Nr-O 0,6/1 kV and **YKSXSFty-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKSXSFtxnżo-Nr 0,6/1 kV and **XnKSXSFtxn-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm^2	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

TECHNOKABEL®
Connecting since 1982

RoHS COMPLIANT CE

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1362 001	7 x 1,0	12.3	67.2	278
1362 015	10 x 1,0	14.6	96.0	366
1362 016	12 x 1,0	15.0	115.2	395
1362 017	14 x 1,0	15.8	134.4	438
1362 018	16 x 1,0	16.5	153.6	479
1362 019	19 x 1,0	17.2	182.4	526
1362 020	24 x 1,0	19.7	230.4	648
1362 021	30 x 1,0	20.6	288.0	734
1362 022	37 x 1,0	22.0	355.2	846
1362 023	48 x 1,0	24.8	460.8	1045
1362 024	61 x 1,0	27.0	585.6	1253
1362 003	7 x 1,5	13.1	100.8	330
1362 025	10 x 1,5	15.8	144.0	445
1362 026	12 x 1,5	16.2	172.8	483
1362 008	14 x 1,5	16.9	201.6	530
1362 027	16 x 1,5	17.6	230.4	580
1362 009	19 x 1,5	18.4	273.6	643
1362 010	24 x 1,5	21.1	345.6	796
1362 013	30 x 1,5	22.2	432.0	915
1362 011	37 x 1,5	23.9	532.8	1073
1362 028	48 x 1,5	27.1	691.2	1337
1362 029	61 x 1,5	29.2	878.4	1597
1362 012	7 x 2,5	14.2	168.0	417

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1362 006	10 x 2,5	17.3	240.0	572
1362 030	12 x 2,5	17.8	288.0	629
1362 002	14 x 2,5	18.6	336.0	696
1362 031	16 x 2,5	19.6	384.0	776
1362 032	19 x 2,5	20.5	456.0	868
1362 014	24 x 2,5	23.6	576.0	1078
1362 033	30 x 2,5	24.8	720.0	1252
1362 034	37 x 2,5	26.5	888.0	1466
1362 035	48 x 2,5	30.1	1152	1841
1362 004	7 x 4	15.8	268.8	555
1362 005	10 x 4	19.4	384.0	769
1362 036	12 x 4	19.9	460.8	852
1362 007	14 x 4	20.8	537.6	948
1362 037	16 x 4	21.8	614.4	1052
1362 038	7 x 6	17.3	403.2	718
1362 039	10 x 6	21.4	576.0	1002
1362 040	12 x 6	22.0	691.2	1122
1362 041	14 x 6	23.2	806.4	1266
1362 042	7 x 10	19.9	672.0	1045
1362 043	10 x 10	24.8	960.0	1469
1362 044	7 x 16	22.6	1075	1487
1362 045	10 x 16	28.6	1536	2118

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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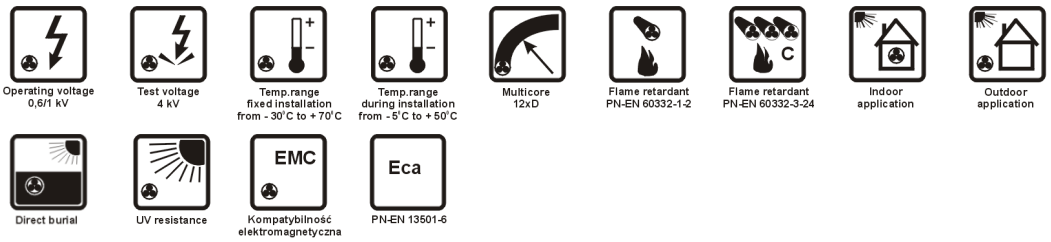
Connecting since 1982

YKSXSektmynżo-Nr 0,6/1 kV, YKSXSektmyn-Nr 0,6/1 kV



APPLICATIONS

YKSXSektmynżo-Nr 0.6/1 kV and **YKSXSektmyn-Nr 0.6/1 kV** shielded control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Copper tape overall shield prevents emission of interferences produced in the cables and protects the cables against external electromagnetic interferences.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black cross-linked polyethylene (XLPE) insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSXSektmynżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- copper tape shield,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSXSektmyżo-Nr-O 0.6/1 kV and **YKSXSektmy-Nr-O 0.6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKSXSektmxnżo-Nr 0.6/1 kV and **XnKSXSektmxn-Nr 0.6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm²	1	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

TECHNOKABEL®
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RoHS COMPLIANT CE

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2, PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1761 001	7 x 1,0	11.9	103.3	247
1761 002	10 x 1,0	14.2	141.6	329
1761 003	12 x 1,0	14.6	162.3	357
1761 004	14 x 1,0	15.4	184.0	398
1761 005	16 x 1,0	16.1	205.8	436
1761 006	19 x 1,0	16.8	237.8	482
1761 007	24 x 1,0	19.3	294.8	597
1761 008	30 x 1,0	20.2	356.1	680
1761 009	37 x 1,0	21.6	429.0	787
1761 010	48 x 1,0	24.4	545.2	979
1761 011	61 x 1,0	26.4	677.9	1168
1761 012	7 x 1,5	12.7	140.5	297
1761 013	10 x 1,5	15.4	193.6	405
1761 014	12 x 1,5	15.8	224.0	442
1761 015	14 x 1,5	16.5	255.7	487
1761 016	16 x 1,5	17.2	287.1	534
1761 017	19 x 1,5	18.0	333.8	596
1761 018	24 x 1,5	20.7	415.8	740
1761 019	30 x 1,5	21.8	506.5	856
1761 020	37 x 1,5	23.5	613.4	1010
1761 021	48 x 1,5	26.5	783.9	1252
1761 022	61 x 1,5	28.8	979.7	1518
1761 023	7 x 2,5	13.8	212.0	382

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1761 024	10 x 2,5	16.9	295.7	528
1761 025	12 x 2,5	17.4	345.7	583
1761 026	14 x 2,5	18.2	396.8	648
1761 027	16 x 2,5	19.2	448.3	725
1761 028	19 x 2,5	20.1	523.6	814
1761 029	24 x 2,5	23.2	655.5	1016
1761 030	30 x 2,5	24.4	804.4	1186
1761 031	37 x 2,5	26.1	979.3	1395
1761 032	48 x 2,5	29.7	1257	1759
1761 033	7 x 4	15.4	318.4	515
1761 034	10 x 4	18.8	447.4	709
1761 035	12 x 4	19.5	526.2	800
1761 036	14 x 4	20.4	606.5	893
1761 037	16 x 4	21.4	687.5	994
1761 038	7 x 6	16.9	458.9	673
1761 039	10 x 6	21.0	647.5	946
1761 040	12 x 6	21.6	765.0	1063
1761 041	14 x 6	22.6	884.1	1193
1761 042	7 x 10	19.5	737.4	993
1761 043	10 x 10	24.4	1044	1403
1761 044	7 x 16	22.2	1152	1427
1761 045	10 x 16	28.2	1635	2042

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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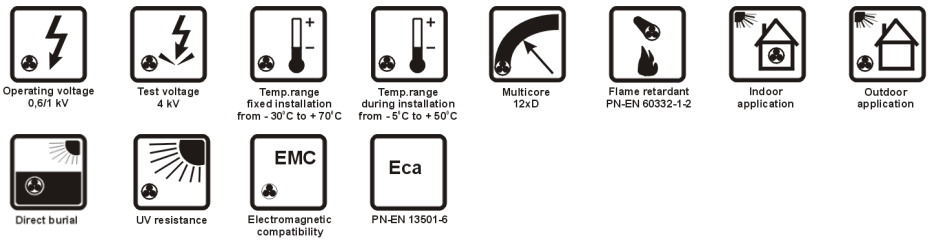
YKSXSektmyżo-Nr 0,6/1 kV, YKSXSektmy-Nr 0,6/1 kV



APPLICATIONS

YKSXSektmyżo-Nr 0,6/1 kV and **YKSXSektmy-Nr 0,6/1 kV** shielded control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Improved electrical properties, small dimensions and weight compared to the cables with PVC insulation is achieved using cross-linked polyethylene insulation.

Copper tape overall shield prevents emission of interferences produced in the cables and protects the cables against external electromagnetic interferences.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black cross-linked polyethylene (XLPE) insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSXSektmyżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- copper tape shield,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSXSektmy-Nr-O 0,6/1 kV and **YKSXSektmyżo-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKSXSektmxn-Nr 0,6/1 kV and **XnKSXSektmxnżo-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm^2	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

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Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 90°C
at short-circuit	+ 250°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

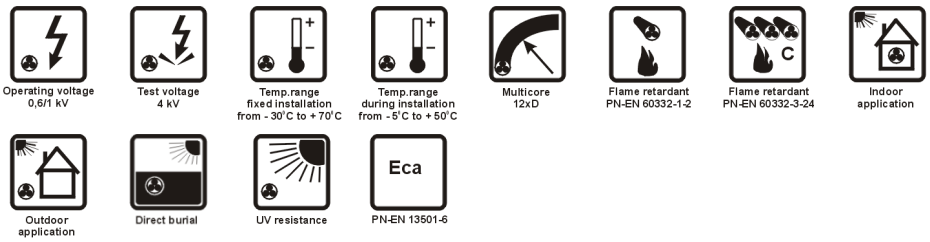
The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1762 001	7 x 1,0	11.9	103.3	247
1762 002	10 x 1,0	14.2	141.6	329
1762 003	12 x 1,0	14.6	162.3	357
1762 004	14 x 1,0	15.4	184.0	398
1762 005	16 x 1,0	16.1	205.8	436
1762 006	19 x 1,0	16.8	237.8	482
1762 007	24 x 1,0	19.3	294.8	597
1762 008	30 x 1,0	20.2	356.1	680
1762 009	37 x 1,0	21.6	429.0	787
1762 010	48 x 1,0	24.4	545.2	979
1762 011	61 x 1,0	26.4	677.9	1168
1762 012	7 x 1,5	12.7	140.5	297
1762 013	10 x 1,5	15.4	193.6	405
1762 014	12 x 1,5	15.8	224.0	442
1762 015	14 x 1,5	16.5	255.7	487
1762 016	16 x 1,5	17.2	287.1	534
1762 017	19 x 1,5	18.0	333.8	596
1762 046	20 x 1,5	18.8	351.4	642
1762 018	24 x 1,5	20.7	415.8	740
1762 019	30 x 1,5	21.8	506.5	856
1762 020	37 x 1,5	23.5	613.4	1010
1762 021	48 x 1,5	26.5	783.9	1252
1762 022	61 x 1,5	28.8	979.7	1518

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1762 023	7 x 2,5	13.8	212.0	382
1762 024	10 x 2,5	16.9	295.7	528
1762 025	12 x 2,5	17.4	345.7	583
1762 026	14 x 2,5	18.2	396.8	648
1762 027	16 x 2,5	19.2	448.3	725
1762 028	19 x 2,5	20.1	523.6	814
1762 029	24 x 2,5	23.2	655.5	1016
1762 030	30 x 2,5	24.4	804.4	1186
1762 031	37 x 2,5	26.1	979.3	1395
1762 032	48 x 2,5	29.7	1257	1759
1762 033	7 x 4	15.4	318.4	515
1762 034	10 x 4	18.8	447.4	709
1762 035	12 x 4	19.5	526.2	800
1762 036	14 x 4	20.4	606.5	893
1762 037	16 x 4	21.4	687.5	994
1762 038	7 x 6	16.9	458.9	673
1762 039	10 x 6	21.0	647.5	946
1762 040	12 x 6	21.6	765.0	1063
1762 041	14 x 6	22.6	884.1	1193
1762 042	7 x 10	19.5	737.4	993
1762 043	10 x 10	24.4	1044	1403
1762 044	7 x 16	22.2	1152	1427
1762 045	10 x 16	28.2	1635	2042

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

YnKSYżo-Nr 0,6/1 kV, YnKSY-Nr 0,6/1 kV



APPLICATIONS

YnKSYżo-Nr 0,6/1 kV and **YnKSY-Nr 0,6/1 kV** shielded control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black PVC insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YnKSYżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in layers,
- cable core wrapped in polyester tape,
- black PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

YKSYżo-Nr-O 0,6/1 kV and **YKSY-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

YKSwYżo-Nr 0,6/1 kV and **YKSwY-Nr 0,6/1 kV** - cables with inner covering extruded directly on a cable core, recommended for direct earth burial.

XnKSXSżo-Nr 0,6/1 kV and **XnKSXS-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

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CHARACTERISTICS

Conductor cross-section	mm²	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2, PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
0868 006	7 x 1,0	10.4	67.2	174
0868 009	10 x 1,0	12.8	96.0	237
0868 012	12 x 1,0	13.2	115.2	268
0868 007	14 x 1,0	13.8	134.4	302
0868 013	16 x 1,0	14.5	153.6	340
0868 014	19 x 1,0	15.3	182.4	386
0868 048	21 x 1,0	16.7	201.6	454
0868 015	24 x 1,0	17.7	230.4	477
0868 016	30 x 1,0	18.7	288.0	571
0868 049	33 x 1,0	19.4	316.8	623
0868 017	37 x 1,0	20.1	355.2	682
0868 018	48 x 1,0	23.1	460.8	874
0868 019	61 x 1,0	25.3	585.6	1086
0868 001	7 x 1,5	11.2	100.8	216
0868 003	10 x 1,5	13.8	144.0	296
0868 020	12 x 1,5	14.2	172.8	338
0868 005	14 x 1,5	14.9	201.6	383
0868 021	16 x 1,5	15.7	230.4	432
0868 010	19 x 1,5	16.5	273.6	493
0868 050	21 x 1,5	18.1	302.4	578
0868 022	24 x 1,5	19.1	345.6	611
0868 051	27 x 1,5	19.6	388.8	673
0868 023	30 x 1,5	20.2	432.0	736

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
0868 052	33 x 1,5	21.0	475.2	805
0868 024	37 x 1,5	22.0	532.8	896
0868 025	48 x 1,5	25.3	691.2	1145
0868 026	61 x 1,5	27.5	878.4	1416
0868 027	7 x 2,5	12.3	168.0	291
0868 028	10 x 2,5	15.3	240.0	403
0868 029	12 x 2,5	15.8	288.0	465
0868 030	14 x 2,5	16.6	336.0	529
0868 031	16 x 2,5	17.5	384.0	600
0868 011	19 x 2,5	18.4	456.0	688
0868 053	21 x 2,5	20.2	504.0	804
0868 032	24 x 2,5	21.4	576.0	857
0868 054	27 x 2,5	22.1	648.0	959
0868 033	30 x 2,5	22.9	720.0	1052
0868 008	32 x 2,5	23.7	768.0	1130
0868 055	33 x 2,5	23.7	792.0	1147
0868 034	37 x 2,5	24.6	888.0	1264
0868 035	48 x 2,5	28.5	1152	1639
0868 004	7 x 4	14.9	268.8	439
0868 036	10 x 4	18.8	384.0	612
0868 037	12 x 4	19.4	460.8	707
0868 038	14 x 4	20.4	537.6	808
0868 039	16 x 4	21.5	614.4	920

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
0868 040	7 x 6	16.4	403.2	585
0868 041	10 x 6	20.8	576.0	819
0868 042	12 x 6	21.4	691.2	950
0868 043	14 x 6	22.8	806.4	1102
0868 044	7 x 10	18.8	672.0	873

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
0868 045	10 x 10	24.2	960.0	1241
0868 046	7 x 16	21.5	1075	1279
0868 047	10 x 16	28.2	1536	1836

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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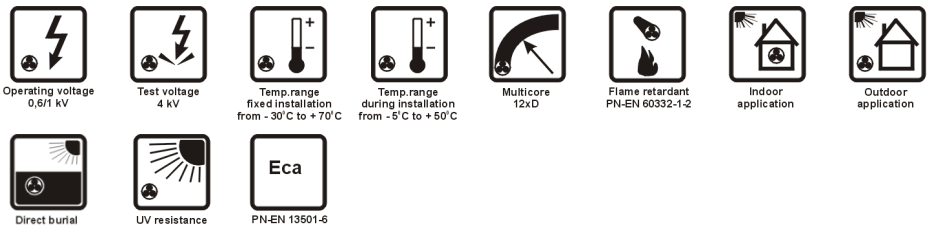
YKSYżo-Nr 0,6/1 kV, YKSY-Nr 0,6/1 kV



APPLICATIONS

YKSYżo-Nr 0,6/1 kV and YKSY-Nr 0,6/1 kV shielded control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black PVC insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSYżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in layers,
- cable core wrapped in polyester tape,
- black PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

YKSYżo-Nr-O 0,6/1 kV and **YKSY-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

YKSwYżo-Nr 0,6/1 kV and **YKSwY-Nr 0,6/1 kV** - cables with inner covering extruded directly on a cable core, recommended for direct earth burial.

XnKSXSżo-Nr 0,6/1 kV and **XnKSXS-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

CHARACTERISTICS

Conductor cross-section	mm²	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
YKSYżo-Nr 0,6/1 kV				
0354 019	7 x 1,0	10.4	67.2	174
0354 009	10 x 1,0	12.8	96.0	237
0354 021	12 x 1,0	13.2	115.2	268
0354 013	14 x 1,0	13.8	134.4	302
0354 028	16 x 1,0	14.5	153.6	340
0354 018	19 x 1,0	15.3	182.4	386
0354 029	24 x 1,0	17.7	230.4	477
0354 053	27 x 1,0	18.0	259.2	522
0354 014	30 x 1,0	18.7	288.0	571
0354 054	33 x 1,0	19.4	316.8	623
0354 015	37 x 1,0	20.1	355.2	682
0354 025	40 x 1,0	21.6	384.0	773
0354 016	48 x 1,0	23.1	460.8	874
0354 030	61 x 1,0	25.3	585.6	1086
0354 017	75 x 1,0	28.3	720.0	1326
0354 006	7 x 1,5	11.2	100.8	216
0354 012	10 x 1,5	13.8	144.0	296
0354 023	12 x 1,5	14.2	172.8	338
0354 008	14 x 1,5	14.9	201.6	383
0354 031	16 x 1,5	15.7	230.4	432
0354 005	19 x 1,5	16.5	273.6	493
0354 011	24 x 1,5	19.1	345.6	611
0354 032	30 x 1,5	20.2	432.0	736

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
0354 052	33 x 1,5	21.0	475.2	805
0354 033	37 x 1,5	22.0	532.8	896
0354 026	40 x 1,5	23.6	576.0	1007
0354 034	48 x 1,5	25.3	691.2	1145
0354 035	61 x 1,5	27.5	878.4	1416
0354 010	7 x 2,5	12.3	168.0	291
0354 050	8 x 2,5	14.1	192.0	365
0354 001	10 x 2,5	15.3	240.0	403
0354 036	12 x 2,5	15.8	288.0	465
0354 002	14 x 2,5	16.6	336.0	529
0354 027	16 x 2,5	17.5	384.0	600
0354 003	19 x 2,5	18.4	456.0	688
0354 024	24 x 2,5	21.4	576.0	857
0354 004	30 x 2,5	22.9	720.0	1052
0354 051	33 x 2,5	23.7	792.0	1147
0354 037	37 x 2,5	24.6	888.0	1264
0354 038	48 x 2,5	28.5	1152	1639
0354 007	7 x 4	14.9	268.8	439
0354 039	10 x 4	18.8	384.0	612
0354 040	12 x 4	19.4	460.8	707
0354 022	14 x 4	20.4	537.6	808
0354 041	16 x 4	21.5	614.4	920
0354 049	19 x 4	22.9	729.6	1071
0354 020	7 x 6	16.4	403.2	585

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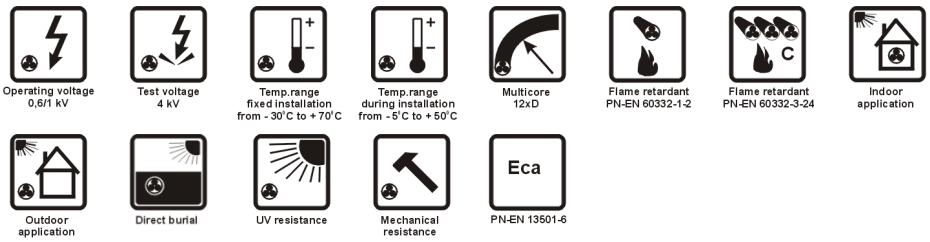
Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
0354 042	10 x 6	20.8	576.0	819
0354 043	12 x 6	21.4	691.2	950
0354 044	14 x 6	22.8	806.4	1102
0354 045	7 x 10	18.8	672.0	873
0354 046	10 x 10	24.2	960.0	1241
0354 047	7 x 16	21.5	1075	1279
0354 048	10 x 16	28.2	1536	1836
	YKSY-Nr 0,6/1 kV			
0347 013	7 x 1,0	10.4	67.2	174
0347 001	10 x 1,0	12.8	96.0	237
0347 050	12 x 1,0	13.2	115.2	268
0347 002	14 x 1,0	13.8	134.4	302
0347 003	16 x 1,0	14.5	153.6	340
0347 004	19 x 1,0	15.3	182.4	386
0347 005	20 x 1,0	16.0	192.0	419
0347 025	21 x 1,0	16.7	201.6	454
0347 014	24 x 1,0	17.7	230.4	477
0347 015	30 x 1,0	18.7	288.0	571
0347 028	37 x 1,0	20.1	355.2	682
0347 019	48 x 1,0	23.1	460.8	874
0347 027	61 x 1,0	25.3	585.6	1086
0347 026	75 x 1,0	28.3	720.0	1326
0347 006	7 x 1,5	11.2	100.8	216
0347 018	10 x 1,5	13.8	144.0	296
0347 032	12 x 1,5	14.2	172.8	338
0347 007	14 x 1,5	14.9	201.6	383
0347 033	16 x 1,5	15.7	230.4	432
0347 024	18 x 1,5	16.5	259.2	483
0347 029	19 x 1,5	16.5	273.6	493

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
0347 034	21 x 1,5	18.1	302.4	578
0347 016	24 x 1,5	19.1	345.6	611
0347 017	30 x 1,5	20.2	432.0	736
0347 030	37 x 1,5	22.0	532.8	896
0347 022	48 x 1,5	25.3	691.2	1145
0347 037	61 x 1,5	27.5	878.4	1416
0347 036	75 x 1,5	30.8	1080	1731
0347 008	4 x 2,5	10.5	96.0	190
0347 009	7 x 2,5	12.3	168.0	291
0347 020	10 x 2,5	15.3	240.0	403
0347 035	12 x 2,5	15.8	288.0	465
0347 010	14 x 2,5	16.6	336.0	529
0347 049	16 x 2,5	17.5	384.0	600
0347 041	19 x 2,5	18.4	456.0	688
0347 011	24 x 2,5	21.4	576.0	857
0347 021	30 x 2,5	22.9	720.0	1052
0347 044	32 x 2,5	23.7	768.0	1130
0347 038	37 x 2,5	24.6	888.0	1264
0347 046	48 x 2,5	28.5	1152	1639
0347 043	75 x 2,5	35.0	1800	2510
0347 039	7 x 4	14.9	268.8	439
0347 012	10 x 4	18.8	384.0	612
0347 047	12 x 4	19.4	460.8	707
0347 042	14 x 4	20.4	537.6	808
0347 048	16 x 4	21.5	614.4	920
0347 045	19 x 4	22.9	729.6	1071
0347 031	7 x 6	16.4	403.2	585
0347 040	10 x 6	20.8	576.0	819
0347 051	14 x 6	22.8	806.4	1102
0347 023	7 x 10	18.8	672.0	873

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

YKSYFoynżo-Nr 0,6/1 kV, YKSYFoyn-Nr 0,6/1 kV



APPLICATIONS

YKSYFoynżo-Nr 0,6/1 kV and **YKSYFoyn-Nr 0,6/1 kV** armoured control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Galvanized steel wire armour provides carrying an axial load of the cable during installation and exploitation. It also offers enhanced protection against mechanical damages and rodent attack, as well as shielding properties.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black PVC insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSYFoynżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in layers,
- PVC cable sheath,
- galvanized steel wire armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSYFoyżo-Nr-O 0,6/1 kV and **YKSYFoy-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKSXSFoxnżo-Nr 0,6/1 kV and **XnKSXSFoxn-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm²	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant

Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2, PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1757 001	7 x 1,0	13.6	67.2	420
1757 002	10 x 1,0	16.2	96.0	552
1757 003	12 x 1,0	16.6	115.2	593
1757 004	14 x 1,0	17.2	134.4	640
1757 005	16 x 1,0	17.9	153.6	692
1757 006	19 x 1,0	18.7	182.4	758
1757 007	24 x 1,0	22.0	230.4	1064
1757 008	30 x 1,0	23.2	288.0	1193
1757 009	37 x 1,0	24.6	355.2	1356
1757 010	48 x 1,0	27.6	460.8	1635
1757 011	61 x 1,0	29.6	585.6	1903
1757 012	7 x 1,5	14.4	100.8	484
1757 013	10 x 1,5	17.2	144.0	641
1757 014	12 x 1,5	17.6	172.8	687
1757 015	14 x 1,5	18.3	201.6	745
1757 016	16 x 1,5	19.3	230.4	825
1757 017	19 x 1,5	20.8	273.6	1037
1757 046	20 x 1,5	21.6	288.0	1104
1757 018	24 x 1,5	23.6	345.6	1254
1757 019	30 x 1,5	24.7	432.0	1414
1757 047	35 x 1,5	26.3	504.0	1595

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1757 020	37 x 1,5	26.3	532.8	1616
1757 021	48 x 1,5	29.6	691.2	1968
1757 022	61 x 1,5	32.6	878.4	2499
1757 023	7 x 2,5	15.7	168.0	597
1757 024	10 x 2,5	18.7	240.0	789
1757 025	12 x 2,5	19.4	288.0	864
1757 026	14 x 2,5	20.9	336.0	1079
1757 027	16 x 2,5	21.8	384.0	1177
1757 028	19 x 2,5	22.7	456.0	1302
1757 048	20 x 2,5	23.8	480.0	1397
1757 029	24 x 2,5	25.9	576.0	1586
1757 030	30 x 2,5	27.4	720.0	1820
1757 031	37 x 2,5	29.1	888.0	2088
1757 032	48 x 2,5	33.4	1152	2739
1757 033	7 x 4	18.3	268.8	811
1757 034	10 x 4	23.3	384.0	1275
1757 035	12 x 4	23.9	460.8	1381
1757 036	14 x 4	24.9	537.6	1509
1757 037	16 x 4	26.0	614.4	1660
1757 038	7 x 6	20.7	403.2	1145
1757 039	10 x 6	25.3	576.0	1552

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
1757 040	12 x 6	25.9	691.2	1703
1757 041	14 x 6	27.3	806.4	1896
1757 042	7 x 10	23.3	672.0	1537

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
1757 043	10 x 10	28.7	960.0	2106
1757 044	7 x 16	26.0	1075	2042
1757 045	10 x 16	33.1	1536	3026

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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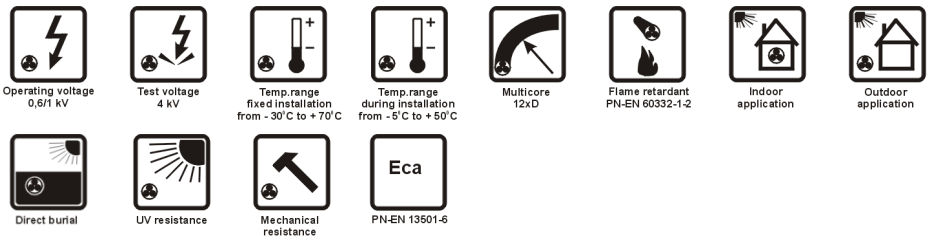
YKSYFoyżo-Nr 0,6/1 kV, YKSYFoy-Nr 0,6/1 kV



TAPPLICATIONS

YKSYFoyżo-Nr 0,6/1 kV and **YKSYFoy-Nr 0,6/1 kV** armoured control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Galvanized steel wire armour provides carrying an axial load of the cable during installation and exploitation. It also offers enhanced protection against mechanical damages and rodent attack, as well as shielding properties.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black PVC insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSYFoyżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in layers,
- PVC cable sheath,
- galvanized steel wire armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSYFoyżo-Nr-O 0,6/1 kV and **YKSYFoy-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKSXSFoxnżo-Nr 0,6/1 kV and **XnKSXSFoxn-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm^2	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	100 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1758 002	7 x 1,0	13.6	67.2	420
1758 003	10 x 1,0	16.2	96.0	552
1758 001	12 x 1,0	16.6	115.2	593
1758 004	14 x 1,0	17.2	134.4	640
1758 005	16 x 1,0	17.9	153.6	692
1758 006	19 x 1,0	18.7	182.4	758
1758 007	24 x 1,0	22.0	230.4	1064
1758 008	30 x 1,0	23.2	288.0	1193
1758 009	37 x 1,0	24.6	355.2	1356
1758 010	48 x 1,0	27.6	460.8	1635
1758 011	61 x 1,0	29.6	585.6	1903
1758 012	7 x 1,5	14.4	100.8	484
1758 013	10 x 1,5	17.2	144.0	641
1758 014	12 x 1,5	17.6	172.8	687
1758 015	14 x 1,5	18.3	201.6	745
1758 016	16 x 1,5	19.3	230.4	825
1758 017	19 x 1,5	20.8	273.6	1037
1758 018	24 x 1,5	23.6	345.6	1254
1758 019	30 x 1,5	24.7	432.0	1414
1758 020	37 x 1,5	26.3	532.8	1616
1758 021	48 x 1,5	29.6	691.2	1968
1758 022	61 x 1,5	32.6	878.4	2499
1758 023	7 x 2,5	15.7	168.0	597

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1758 024	10 x 2,5	18.7	240.0	789
1758 025	12 x 2,5	19.4	288.0	864
1758 026	14 x 2,5	20.9	336.0	1079
1758 027	16 x 2,5	21.8	384.0	1177
1758 028	19 x 2,5	22.7	456.0	1302
1758 029	24 x 2,5	25.9	576.0	1586
1758 030	30 x 2,5	27.4	720.0	1820
1758 031	37 x 2,5	29.1	888.0	2088
1758 032	48 x 2,5	33.4	1152	2739
1758 033	7 x 4	18.3	268.8	811
1758 034	10 x 4	23.3	384.0	1275
1758 035	12 x 4	23.9	460.8	1381
1758 036	14 x 4	24.9	537.6	1509
1758 037	16 x 4	26.0	614.4	1660
1758 038	7 x 6	20.7	403.2	1145
1758 039	10 x 6	25.3	576.0	1552
1758 040	12 x 6	25.9	691.2	1703
1758 041	14 x 6	27.3	806.4	1896
1758 042	7 x 10	23.3	672.0	1537
1758 043	10 x 10	28.7	960.0	2106
1758 044	7 x 16	26.0	1075	2042
1758 045	10 x 16	33.1	1536	3026

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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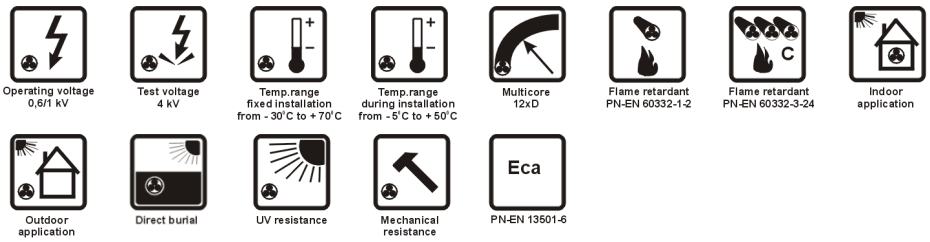
Connecting since 1982

YKSYFtynżo 0,6/1 kV, YKSYFtyn 0,6/1 kV



APPLICATIONS

YKSYFtynżo 0,6/1 kV and **YKSYFtyn 0,6/1 kV** armoured control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Steel tape armour offers enhanced protection against mechanical damages and rodent attack, it has also shielding properties.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- PVC insulation, colour code insulation in each layer:

  brown conductor as a counter, blue directional conductor and other conductors of any colour with the exception of green, yellow, brown and blue,

  YKSYFtynżo 0,6/1 kV green-yellow protective conductor is positioned as a counter conductor in the outer layer instead of conductor of brown,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel tape armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSYFtyżo-O 0,6/1 kV and **YKSYFty-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKSXSFtxnżo 0,6/1 kV and **XnKSXSFtxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm²	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant

Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2, PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1548 004	7 x 1,0	12.6	67.2	303
1548 005	10 x 1,0	15.0	96.0	402
1548 006	12 x 1,0	15.6	115.2	444
1548 007	14 x 1,0	16.2	134.4	484
1548 008	16 x 1,0	16.9	153.6	530
1548 009	19 x 1,0	17.7	182.4	587
1548 010	24 x 1,0	20.3	230.4	725
1548 011	30 x 1,0	21.3	288.0	829
1548 012	37 x 1,0	22.7	355.2	959
1548 013	48 x 1,0	25.7	460.8	1192
1548 014	61 x 1,0	27.9	585.6	1434
1548 001	7 x 1,5	13.4	100.8	357
1548 015	10 x 1,5	16.2	144.0	485
1548 016	12 x 1,5	16.6	172.8	529
1548 002	14 x 1,5	17.3	201.6	581
1548 017	16 x 1,5	18.1	230.4	641
1548 018	19 x 1,5	18.9	273.6	712
1548 046	21 x 1,5	20.7	302.4	827
1548 019	24 x 1,5	21.7	345.6	881
1548 020	30 x 1,5	23.0	432.0	1029
1548 021	37 x 1,5	24.6	532.8	1199
1548 022	48 x 1,5	27.9	691.2	1499

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1548 023	61 x 1,5	30.1	878.4	1800
1548 003	7 x 2,5	14.5	168.0	449
1548 024	10 x 2,5	17.7	240.0	617
1548 025	12 x 2,5	18.2	288.0	681
1548 026	14 x 2,5	19.2	336.0	764
1548 027	16 x 2,5	20.1	384.0	847
1548 028	19 x 2,5	21.0	456.0	947
1548 029	24 x 2,5	24.2	576.0	1178
1548 030	30 x 2,5	25.5	720.0	1375
1548 047	32 x 2,5	28.1	768.0	1586
1548 031	37 x 2,5	27.4	888.0	1626
1548 032	48 x 2,5	31.1	1152	2043
1548 033	7 x 4	17.3	268.8	647
1548 034	10 x 4	21.4	384.0	901
1548 035	12 x 4	22.0	460.8	1000
1548 036	14 x 4	23.2	537.6	1125
1548 037	16 x 4	24.3	614.4	1252
1548 048	19 x 4	25.5	729.6	1410
1548 038	7 x 6	18.8	403.2	820
1548 039	10 x 6	23.6	576.0	1160
1548 040	12 x 6	24.2	691.2	1295
1548 041	14 x 6	25.4	806.4	1451

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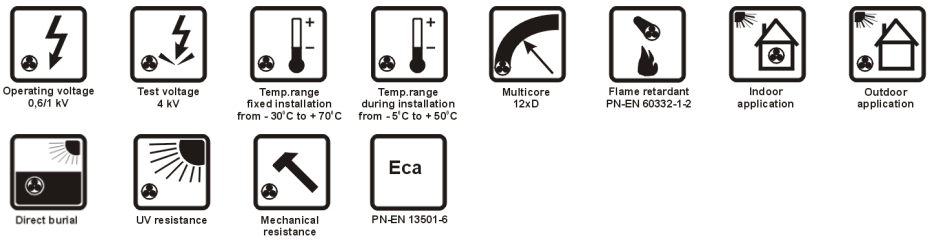
Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
1548 042	7 x 10	21.4	672.0	1162
1548 043	10 x 10	27.0	960.0	1652

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
1548 044	7 x 16	24.3	1075	1634
1548 045	10 x 16	30.8	1536	2329

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

YKSYFtyżo 0,6/1 kV, YKSYFty 0,6/1 kV



APPLICATIONS

YKSYFtyżo 0,6/1 kV and **YKSYFty 0,6/1 kV** armoured control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Steel tape armour offers enhanced protection against mechanical damages and rodent attack, it has also shielding properties.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- PVC insulation, colour code insulation in each layer:

  brown conductor as a counter, blue directional conductor and other conductors of any colour with the exception of green, yellow, brown and blue,

  YKSYFtyżo 0,6/1 kV green-yellow protective conductor is positioned as a counter conductor in the outer layer instead of conductor of brown,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- galvanized steel tape armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSYFtyżo-O 0,6/1 kV and **YKSYFty-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKSXSFtxnżo 0,6/1 kV and **XnKSXSFtxn 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm^2	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
1373 023	7 x 1,0	12.6	67.2	303
1373 022	10 x 1,0	15.0	96.0	402
1373 042	12 x 1,0	15.6	115.2	444
1373 025	14 x 1,0	16.2	134.4	484
1373 059	15 x 1,0	16.7	144.0	500
1373 043	16 x 1,0	16.9	153.6	530
1373 024	19 x 1,0	17.7	182.4	587
1373 029	24 x 1,0	20.3	230.4	725
1373 014	30 x 1,0	21.3	288.0	829
1373 041	37 x 1,0	22.7	355.2	959
1373 030	48 x 1,0	25.7	460.8	1192
1373 009	61 x 1,0	27.9	585.6	1434
1373 039	75 x 1,0	30.9	720.0	1716
1373 008	7 x 1,5	13.4	100.8	357
1373 003	10 x 1,5	16.2	144.0	485
1373 032	12 x 1,5	16.6	172.8	529
1373 005	14 x 1,5	17.3	201.6	581
1373 044	16 x 1,5	18.1	230.4	641
1373 006	19 x 1,5	18.9	273.6	712
1373 036	21 x 1,5	20.7	302.4	827
1373 007	24 x 1,5	21.7	345.6	881
1373 054	25 x 1,5	22.2	360.0	928
1373 038	27 x 1,5	22.2	388.8	948
1373 012	30 x 1,5	23.0	432.0	1029
1373 055	32 x 1,5	23.8	460.8	1099
1373 056	34 x 1,5	24.6	489.6	1169
1373 015	37 x 1,5	24.6	532.8	1199

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
1373 057	40 x 1,5	26.2	576.0	1336
1373 019	48 x 1,5	27.9	691.2	1499
1373 045	61 x 1,5	30.1	878.4	1800
1373 058	64 x 1,5	31.1	921.6	1906
1373 001	7 x 2,5	14.5	168.0	449
1373 016	10 x 2,5	17.7	240.0	617
1373 031	12 x 2,5	18.2	288.0	681
1373 020	14 x 2,5	19.2	336.0	764
1373 046	16 x 2,5	20.1	384.0	847
1373 027	19 x 2,5	21.0	456.0	947
1373 017	24 x 2,5	24.2	576.0	1178
1373 028	30 x 2,5	25.5	720.0	1375
1373 053	32 x 2,5	28.1	768.0	1586
1373 018	37 x 2,5	27.4	888.0	1626
1373 047	48 x 2,5	31.1	1152	2043
1373 010	7 x 4	17.3	268.8	647
1373 011	10 x 4	21.4	384.0	901
1373 048	12 x 4	22.0	460.8	1000
1373 013	14 x 4	23.2	537.6	1125
1373 034	16 x 4	24.3	614.4	1252
1373 026	19 x 4	25.5	729.6	1410
1373 040	24 x 4	29.6	921.6	1763
1373 002	7 x 6	18.8	403.2	820
1373 004	10 x 6	23.6	576.0	1160
1373 049	12 x 6	24.2	691.2	1295
1373 033	14 x 6	25.4	806.4	1451
1373 052	21 x 6	31.1	1210	2152

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
1373 051	24 x 6	33.1	1382	2356
1373 035	7 x 10	21.4	672.0	1162
1373 021	10 x 10	27.0	960.0	1652
1373 037	7 x 16	24.3	1075	1634
1373 050	10 x 16	30.8	1536	2329

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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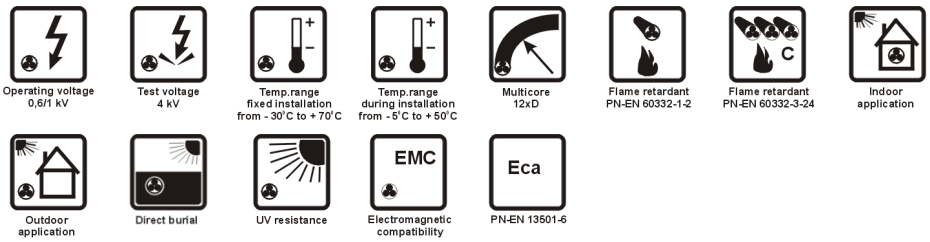
YKSYektmynżo-Nr 0,6/1 kV, YKSYektmyn-Nr 0,6/1 kV



APPLICATIONS

YKSYektmynżo-Nr 0,6/1 kV and **YKSYektmyn-Nr 0,6/1 kV** shielded control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Copper tape overall shield prevents emission of interferences produced in the cables and protects the cables against external electromagnetic interferences.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black PVC insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSYektmynżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- copper tape shield,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSYektmyżo-Nr-O 0,6/1 kV and **YKSYektmy-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKSXSektmxnżo-Nr 0,6/1 kV and **XnKSXSektmxn-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm^2	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2, PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1759 001	7 x 1,0	12.2	104.6	272
1759 002	10 x 1,0	14.6	143.1	364
1759 003	12 x 1,0	15.0	163.8	396
1759 004	14 x 1,0	15.8	185.6	443
1759 005	16 x 1,0	16.5	207.7	487
1759 006	19 x 1,0	17.3	239.7	541
1759 007	24 x 1,0	19.9	297.5	672
1759 008	30 x 1,0	20.9	359.1	773
1759 009	37 x 1,0	22.3	431.9	898
1759 010	48 x 1,0	25.3	548.9	1123
1759 011	61 x 1,0	27.5	681.7	1359
1759 012	7 x 1,5	13.0	141.7	324
1759 013	10 x 1,5	15.8	195.2	444
1759 014	12 x 1,5	16.2	225.8	486
1759 015	14 x 1,5	16.9	257.3	537
1759 016	16 x 1,5	17.7	289.2	594
1759 017	19 x 1,5	18.5	335.6	662
1759 018	24 x 1,5	21.3	418.2	824
1759 019	30 x 1,5	22.4	509.2	957
1759 020	37 x 1,5	24.2	616.2	1134
1759 021	48 x 1,5	27.5	787.3	1425
1759 022	61 x 1,5	29.7	983.2	1718
1759 023	7 x 2,5	14.1	213.0	412

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1759 024	10 x 2,5	17.3	297.3	572
1759 025	12 x 2,5	17.8	347.2	634
1759 026	14 x 2,5	18.6	398.7	705
1759 027	16 x 2,5	19.7	450.2	795
1759 028	19 x 2,5	20.6	525.8	892
1759 029	24 x 2,5	23.8	658.0	1114
1759 030	30 x 2,5	25.1	807.4	1307
1759 031	37 x 2,5	27.0	982.0	1553
1759 032	48 x 2,5	30.7	1260	1960
1759 033	7 x 4	16.9	324.5	603
1759 034	10 x 4	21.0	455.5	845
1759 035	12 x 4	21.6	534.6	942
1759 036	14 x 4	22.6	615.3	1052
1759 037	16 x 4	23.9	696.8	1188
1759 038	7 x 6	18.4	464.7	770
1759 039	10 x 6	23.2	655.5	1098
1759 040	12 x 6	23.8	773.2	1230
1759 041	14 x 6	25.0	893.1	1383
1759 042	7 x 10	21.0	743.5	1106
1759 043	10 x 10	26.4	1052	1566
1759 044	7 x 16	23.9	1158	1569
1759 045	10 x 16	30.2	1643	2231

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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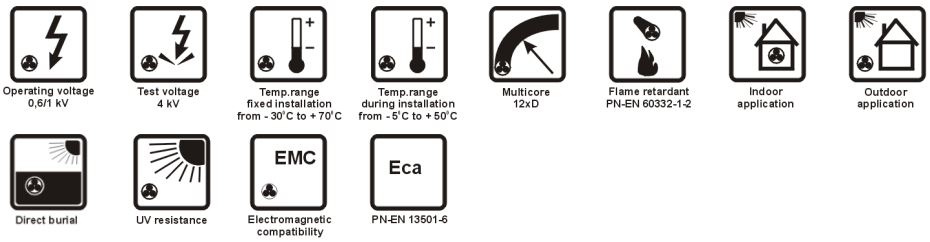
YKSYektmyżo-Nr 0,6/1 kV, YKSYektmy-Nr 0,6/1 kV



APPLICATIONS

YKSYektmyżo-Nr 0,6/1 kV and YKSYektmy-Nr 0,6/1 kV shielded control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Copper tape overall shield prevents emission of interferences produced in the cables and protects the cables against external electromagnetic interferences.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black PVC insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSYektmyżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in a cable core,
- PVC cable sheath,
- copper tape shield,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSYektmyżo-Nr-O 0,6/1 kV and **YKSYektmy-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKSXSektmxnżo-Nr 0,6/1 kV and **XnKSXSektmxn-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

CHARACTERISTICS

Conductor cross-section	mm^2	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
0851 005	7 x 1,0	12.2	104.6	272
0851 006	10 x 1,0	14.6	143.1	364
0851 007	12 x 1,0	15.0	163.8	396
0851 008	14 x 1,0	15.8	185.6	443
0851 009	16 x 1,0	16.5	207.7	487
0851 010	19 x 1,0	17.3	239.7	541
0851 011	24 x 1,0	19.9	297.5	672
0851 012	30 x 1,0	20.9	359.1	773
0851 013	37 x 1,0	22.3	431.9	898
0851 014	48 x 1,0	25.3	548.9	1123
0851 015	61 x 1,0	27.5	681.7	1359
0851 001	7 x 1,5	13.0	141.7	324
0851 004	10 x 1,5	15.8	195.2	444
0851 003	12 x 1,5	16.2	225.8	486
0851 016	14 x 1,5	16.9	257.3	537
0851 017	16 x 1,5	17.7	289.2	594
0851 018	19 x 1,5	18.5	335.6	662
0851 019	24 x 1,5	21.3	418.2	824
0851 020	30 x 1,5	22.4	509.2	957
0851 021	37 x 1,5	24.2	616.2	1134
0851 022	48 x 1,5	27.5	787.3	1425
0851 023	61 x 1,5	29.7	983.2	1718
0851 002	7 x 2,5	14.1	213.0	412

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
0851 024	10 x 2,5	17.3	297.3	572
0851 025	12 x 2,5	17.8	347.2	634
0851 026	14 x 2,5	18.6	398.7	705
0851 027	16 x 2,5	19.7	450.2	795
0851 028	19 x 2,5	20.6	525.8	892
0851 029	24 x 2,5	23.8	658.0	1114
0851 030	30 x 2,5	25.1	807.4	1307
0851 031	37 x 2,5	27.0	982.0	1553
0851 032	48 x 2,5	30.7	1260	1960
0851 033	7 x 4	16.9	324.5	603
0851 034	10 x 4	21.0	455.5	845
0851 035	12 x 4	21.6	534.6	942
0851 036	14 x 4	22.6	615.3	1052
0851 037	16 x 4	23.9	696.8	1188
0851 038	7 x 6	18.4	464.7	770
0851 039	10 x 6	23.2	655.5	1098
0851 040	12 x 6	23.8	773.2	1230
0851 041	14 x 6	25.0	893.1	1383
0851 042	7 x 10	21.0	743.5	1106
0851 043	10 x 10	26.4	1052	1566
0851 044	7 x 16	23.9	1158	1569
0851 045	10 x 16	30.2	1643	2231

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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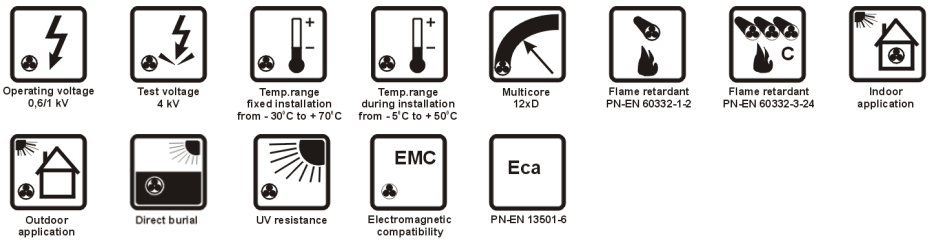
Connecting since 1982

YnKSYekwżo-Nr 0,6/1 kV, YnKSYekw-Nr 0,6/1 kV



APPLICATIONS

YnKSYekwżo-Nr 0,6/1 kV and **YnKSYekw-Nr 0,6/1 kV** shielded control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

The cables are protected by an overall electrostatic shield against external electric interferences and prevents emission of interferences produced in the cables.

The cable sheath is then made of special self-extinguishing PVC of reduced combustibility and pass combustibility test according to EN 60332-3 standard.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black PVC insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YnKSYekwżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in layers,
- cable core wrapped in polyester tape,
- overall electrostatic shield incorporating aluminium-polyester tape and annealed tinned copper drain wire,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSYekwżo-Nr-O 0,6/1 kV and **YKSYekw-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKSXSekwżo-Nr 0,6/1 kV and **XnKSXSekw-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

CHARACTERISTICS

Conductor cross-section	mm²	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C
Minimum bending radius	12 x cable diameter

Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2, PN-EN 60332-3-24, IEC 60332-3-24
Referance standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors Conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1097 004	7 x 1,0	10.5	72.0	181
1097 001	10 x 1,0	12.9	100.8	244
1097 013	12 x 1,0	13.3	120.0	275
1097 003	14 x 1,0	13.9	139.2	309
1097 005	16 x 1,0	14.6	158.4	347
1097 012	19 x 1,0	15.4	187.2	393
1097 014	24 x 1,0	17.8	235.2	484
1097 002	30 x 1,0	18.8	292.8	578
1097 015	37 x 1,0	20.2	360.0	689
1097 016	48 x 1,0	23.2	465.6	881
1097 017	61 x 1,0	25.4	590.4	1093
1097 008	7 x 1,5	11.3	108.0	226
1097 009	10 x 1,5	13.9	151.2	306
1097 018	12 x 1,5	14.3	180.0	348
1097 006	14 x 1,5	15.0	208.8	393
1097 019	16 x 1,5	15.8	237.6	442
1097 011	19 x 1,5	16.6	280.8	503
1097 010	24 x 1,5	19.2	352.8	621
1097 007	30 x 1,5	20.3	439.2	746
1097 020	37 x 1,5	22.1	540.0	906
1097 021	48 x 1,5	25.4	698.4	1155
1097 022	61 x 1,5	27.6	885.6	1426
1097 023	7 x 2,5	12.4	175.2	301

Product No.	Number of conductors Conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
1097 024	10 x 2,5	15.4	251.2	413
1097 025	12 x 2,5	15.9	295.2	475
1097 026	14 x 2,5	16.7	343.2	539
1097 027	16 x 2,5	17.6	391.2	610
1097 028	19 x 2,5	18.5	463.2	698
1097 029	24 x 2,5	21.5	583.2	867
1097 030	30 x 2,5	23.0	727.2	1062
1097 031	37 x 2,5	24.7	895.2	1274
1097 032	48 x 2,5	28.6	1159.2	1649
1097 033	7 x 4	15.0	276.0	449
1097 034	10 x 4	18.9	391.2	622
1097 035	12 x 4	19.5	468.0	717
1097 036	14 x 4	20.5	544.8	818
1097 037	16 x 4	21.6	621.6	930
1097 038	7 x 6	16.5	410.4	595
1097 039	10 x 6	20.9	583.2	829
1097 040	12 x 6	21.5	698.4	970
1097 041	14 x 6	22.9	813.6	1112
1097 042	7 x 10	18.9	679.2	883
1097 043	10 x 10	24.3	967.2	1251
1097 044	7 x 16	21.6	1082.4	1289
1097 045	10 x 16	28.3	1543.2	1846

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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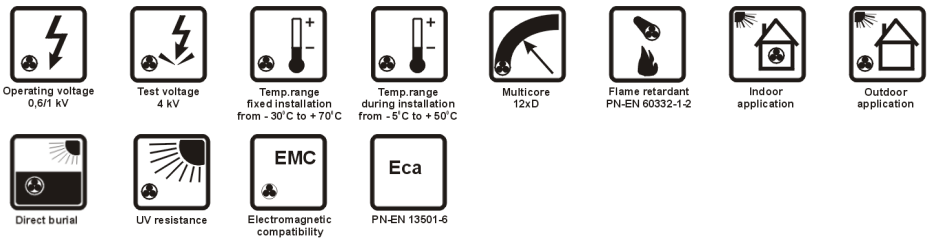
YKSYekwżo-Nr 0,6/1 kV, YKSYekw-Nr 0,6/1 kV



APPLICATIONS

YKSYekwżo-Nr 0,6/1 kV and **YKSYekw-Nr 0,6/1 kV** shielded control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

The cables are protected by an overall electrostatic shield against external electric interferences and prevents emission of interferences produced in the cables.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black PVC insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YnKSYekwżo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in layers,
- cable core wrapped in polyester tape,
- overall electrostatic shield incorporating aluminium-polyester tape and annealed tinned copper drain wire,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSYekwżo-Nr-O 0,6/1 kV and **YKSYekw-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN EN 60811-404.

XnKSXSekwżo-Nr 0,6/1 kV and **XnKSXSekw-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

CHARACTERISTICS

Conductor cross-section	mm²	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
0352 007	7 x 1,0	10.5	72.0	181
0352 008	10 x 1,0	12.9	100.8	244
0352 009	12 x 1,0	13.3	120.0	275
0352 002	14 x 1,0	13.9	139.2	309
0352 010	16 x 1,0	14.6	158.4	347
0352 011	19 x 1,0	15.4	187.2	393
0352 003	24 x 1,0	17.8	235.2	484
0352 012	30 x 1,0	18.8	292.8	578
0352 013	37 x 1,0	20.2	360.0	689
0352 014	48 x 1,0	23.2	465.6	881
0352 015	61 x 1,0	25.4	590.4	1093
0352 001	7 x 1,5	11.3	108.0	226
0352 016	10 x 1,5	13.9	151.2	306
0352 017	12 x 1,5	14.3	180.0	348
0352 004	14 x 1,5	15.0	208.8	393
0352 018	16 x 1,5	15.8	237.6	442
0352 019	19 x 1,5	16.6	280.8	503
0352 020	24 x 1,5	19.2	352.8	621
0352 005	30 x 1,5	20.3	439.2	746
0352 006	37 x 1,5	22.1	540.0	906
0352 021	48 x 1,5	25.4	698.4	1155
0352 022	61 x 1,5	27.6	885.6	1426
0352 023	7 x 2,5	12.4	175.2	301

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm^2	mm	kg/km	kg/km
0352 024	10 x 2,5	15.4	251.2	413
0352 025	12 x 2,5	15.9	295.2	475
0352 026	14 x 2,5	16.7	343.2	539
0352 027	16 x 2,5	17.6	391.2	610
0352 028	19 x 2,5	18.5	463.2	698
0352 029	24 x 2,5	21.5	583.2	867
0352 046	25 x 2,5	22.2	614.8	937
0352 030	30 x 2,5	23.0	727.2	1062
0352 031	37 x 2,5	24.7	895.2	1274
0352 032	48 x 2,5	28.6	1159	1649
0352 033	7 x 4	15.0	276.0	449
0352 034	10 x 4	18.9	391.2	622
0352 035	12 x 4	19.5	468.0	717
0352 036	14 x 4	20.5	544.8	818
0352 037	16 x 4	21.6	621.6	930
0352 038	7 x 6	16.5	410.4	595
0352 039	10 x 6	20.9	583.2	829
0352 040	12 x 6	21.5	698.4	970
0352 041	14 x 6	22.9	813.6	1112
0352 042	7 x 10	18.9	679.2	883
0352 043	10 x 10	24.3	967.2	1251
0352 044	7 x 16	21.6	1082	1289
0352 045	10 x 16	28.3	1543	1846

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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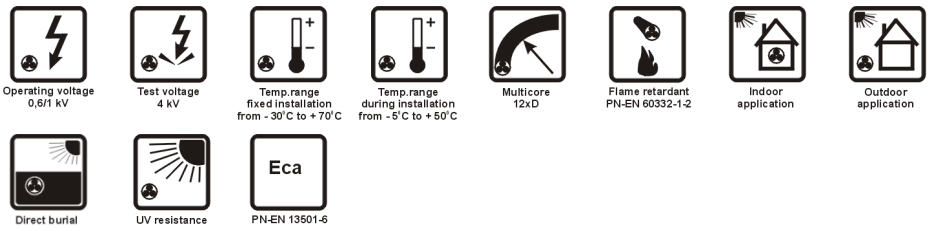
YKSYżo 0,6/1 kV, YKSY 0,6/1 kV



APPLICATIONS

YKSYżo 0,6/1 kV and YKSY 0,6/1 kV control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- PVC insulation, colour code insulation in each layer:

  brown conductor as a counter, blue directional conductor and other conductors of any colour

  with the exception of green, yellow, brown and blue,

  YKSYżo 0,6/1 kV green-yellow protective conductor is positioned as a counter conductor in the outer layer instead of conductor of brown,
- insulated conductors laid-up in a cable core,
- cable core wrapped in polyester tape,
- black PVC cable sheath, other colours also available.

AVAILABLE UPON REQUEST

YKSYżo-O 0,6/1 kV and **YKSY-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

YnKSYżo 0,6/1 kV and **YnKSY 0,6/1 kV** - cables of reduced combustibility, sheathed with special self-extinguishing PVC of high oxygen index and pass combustibility test according to PN-EN 60332-3 standard.

YKSwYżo 0,6/1 kV and **YKSwY 0,6/1 kV** - cables with inner covering extruded directly on a cable core, recommended for direct earth burial.

XnKSXSżo 0,6/1 kV and **XnKSXS 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

Steel wire or **steel tape armoured cables** as above applied in locations where enhanced protection against mechanical damages is required.

CHARACTERISTICS

Conductor cross-section	mm²	1.0	1.5	2.5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage Uo/U	0,6/1 kV
Voltage test	4 kV rms
Insulation resistance, minimum	20 MΩ·km
Conductor temperature limit	
in work conditions	+ 70°C
at short-circuit	+ 160°C
Operating temperature range	
during operation	from - 30 to + 70°C
during installation	from - 5 to + 50°C

Minimum bending radius	12 x cable diameter
Cable combustibillity	flame retardant
Combustibillity tests	PN-EN 60332-1-2, IEC 60332-1-2
Referance standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1
CPR – class reaction on fire	Eca
DoP declarations are avalible at	technokabel.com.pl

The cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
0353 002	7 x 1,0	10.4	67.2	174
0353 024	10 x 1,0	12.8	96.0	237
0353 047	12 x 1,0	13.2	115.2	268
0353 015	14 x 1,0	13.8	134.4	302
0353 034	16 x 1,0	14.5	153.6	340
0353 008	19 x 1,0	15.3	182.4	386
0353 035	21 x 1,0	16.7	201.6	454
0353 028	24 x 1,0	17.7	230.4	477
0353 025	30 x 1,0	18.7	288.0	571
0353 033	37 x 1,0	20.1	355.2	682
0353 027	48 x 1,0	23.1	460.8	874
0353 016	61 x 1,0	25.3	585.6	1086
0353 017	75 x 1,0	28.3	720.0	1326
0353 003	7 x 1,5	11.2	100.8	216
0353 012	10 x 1,5	13.8	144.0	296
0353 037	12 x 1,5	14.2	172.8	338
0353 005	14 x 1,5	14.9	201.6	383
0353 038	16 x 1,5	15.7	230.4	432
0353 054	17 x 1,5	16.5	244.8	472
0353 009	19 x 1,5	16.5	273.6	493
0353 040	21 x 1,5	18.1	302.4	578
0353 006	24 x 1,5	19.1	345.6	611

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
0353 048	27 x 1,5	19.6	388.8	673
0353 013	30 x 1,5	20.2	432.0	736
0353 020	37 x 1,5	22.0	532.8	896
0353 026	40 x 1,5	23.6	576.0	1007
0353 055	42 x 1,5	23.6	604.8	1027
0353 018	48 x 1,5	25.3	691.2	1145
0353 056	52 x 1,5	26.0	748.8	1229
0353 057	56 x 1,5	26.7	806.4	1317
0353 046	61 x 1,5	27.5	878.4	1416
0353 046	75 x 1,5	30.8	1080	1731
0353 001	7 x 2,5	12.3	168.0	291
0353 004	10 x 2,5	15.3	240.0	403
0353 036	12 x 2,5	15.8	288.0	465
0353 011	14 x 2,5	16.6	336.0	529
0353 007	15 x 2,5	17.5	360.0	583
0353 042	16 x 2,5	17.5	384.0	600
0353 010	19 x 2,5	18.4	456.0	688
0353 029	24 x 2,5	21.4	576.0	857
0353 058	27 x 2,5	22.1	648.0	959
0353 032	30 x 2,5	22.9	720.0	1052
0353 021	37 x 2,5	24.6	888.0	1264
0353 051	48 x 2,5	28.5	1152	1639

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Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
0353 019	52 x 2,5	29.3	1248	1762
0353 014	7 x 4	14.9	268.8	439
0353 030	10 x 4	18.8	384.0	612
0353 049	12 x 4	19.4	460.8	707
0353 045	14 x 4	20.4	537.6	808
0353 041	16 x 4	21.5	614.4	920
0353 059	17 x 4	22.9	652.8	1016
0353 060	19 x 4	22.9	729.6	1071

Product No.	Number of conductors x conductors cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm²	mm	kg/km	kg/km
0353 022	7 x 6	16.4	403.2	585
0353 023	10 x 6	20.8	576.0	819
0353 050	12 x 6	21.4	691.2	950
0353 044	14 x 6	22.8	806.4	1102
0353 031	7 x 10	18.8	672.0	873
0353 043	10 x 10	24.2	960.0	1241
0353 052	7 x 16	21.5	1075	1279
0353 053	10 x 16	28.2	1536	1836

Other cross-sections and conductor counts available on request.
TECHNOKABEL SA reserves the right to change specifications without prior notice.

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