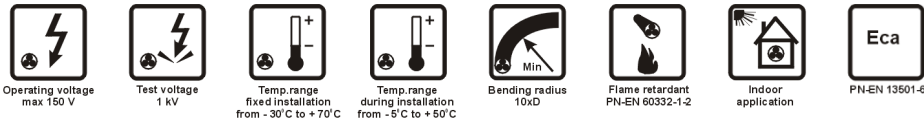


## YTDY



### APPLICATIONS

YTDY are cables intended for low-voltage circuits, such as remote control, signal and data transmission systems. Also suitable for interconnecting wiring in telephony, alarm and security systems.

The cables are suitable for fixed indoor installations.

### CONSTRUCTION

- annealed copper single wire round conductors of diameter 0.5 mm,
- PVC insulation - identification colour code in accordance with Technokabel's Identification System (see our Technical Guide),
- insulated conductors laid-up into a cable core,
- PVC cable sheath, white RAL 9010, other colours also available.

### CHARACTERISTICS

Conductor diameter	0.5 mm
Operating voltage	150 V
DC conductor resistance at 20°C, maximum	1000 V rms
DC voltage	1500 V
DC conductor resistance at 20°C, maximum	97.8 Ω/km
Insulation resistance, minimum	200 MΩ·km
<b>Operating temperature range</b>	
for fixed installation	from - 30 to + 70°C
for movable installation	from - 5 to + 50°C

Minimum bending radius	10 x cable diameter
Cable combustibility	flame retardant
Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
Reference standards	PN-92/T-90203, PN-92/T-90200
CPR – class reaction on fire	Eca
DoP declarations are available at	<a href="http://technokabel.com.pl">technokabel.com.pl</a>

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



Product No.	Number of conductors x conductor diameter	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm	mm	kg/km	kg/km
0411 002	2 x 0,5	2.7	3.8	10
0411 003	4 x 0,5	2.9	7.7	15
0411 005	6 x 0,5	3.4	11.5	22
0411 007	7 x 0,5	3.4	13.4	23
0411 009	8 x 0,5	3.7	15.4	26
0411 011	10 x 0,5	4.1	19.2	32
0411 012	12 x 0,5	4.3	23.0	36
0411 013	14 x 0,5	4.5	26.9	41
0411 014	16 x 0,5	4.7	30.7	46
0411 015	18 x 0,5	4.9	34.6	51
0411 001	20 x 0,5	5.5	37.6	57
0411 016	30 x 0,5	6.0	58.0	79

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