

TLYp (L1), TLgYp(L1)



APPLICATIONS

Loudspeaker cables TLYp (L1) and TLgYp (L1) (high flexible) are intended for connection between amplifiers and loudspeakers.

The cables are flat with common PVC insulation (eight shape) on two parallel conductors.

The cables are designed to offer high acoustic parameters confirmed by testing in Electroacoustic Division, Institute of Radioelectronics Warsaw University of Technology.

The cables are suitable for indoor installations connecting fixed and movable equipment.

CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires,
- PVC insulation,
- colours:
- black with white stripe or white with black stripe (cross-sections 0.35 and 0.5 mm²),
- transparent with black or red stripe (other cross-sections),
- other colours also available.

AVAILABLE UPON REQUEST

TLYp (L1) OFC and TLgYp (L1) OFC - cables with conductors made of oxygen-free copper (OFC).

TLHp (L1) and TLgHp (L1) - 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

TLYp wires (L1)

Conductor cross-section	mm ²	0.35	0.5	0.75	1.0	1.5
DC conductor resistance at 20°C	maximum value	55.4	39.0	26.0	19.5	13.3
	average value	54.6	37.4	24.8	18.8	12.3
Inductance, approximate	mH/km	422	203	96	51	30

TLgYp wires (L1)

Conductor cross-section	mm ²	1.5	2.5	4	6	10
DC conductor resistance at 20°C	maximum value	13.3	7.98	4.95	3.3	1.91
	average value	12.5	7.5	4.7	3.0	1.8
Inductance, approximate	mH/km	30	9	4	2	1.5



Insulation resistance, minimum	200 MΩ×km
Operating voltage	300 V
Voltage test	1500 V rms
Operating temperature range	
for fixed installation	from - 30 to + 80°C
for movable installation	from - 5 to + 50°C
Minimum bending radius	5 x cable height
Cable combustibility	flame retardant

Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
Reference standards	WT-00/TK-1
CPR – class reaction on fire	Eca
DoP declarations are available at	technokabel.com.pl

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

Product No.	Number of conductors x conductors cross-section	Conductor construction	Cable outer dimensions (appr.)	Cable weight (appr.)					
					mm ²	mm	mm	kg/km	
					TLYp				
0246 004	2 x 0,35	19 x 0.144	1.55x3.2	9.4					
0246 022	2 x 0,5	15 x 0.195	1.9x4.0	14.3					
0246 023	2 x 0,75	22 x 0.195	2.1x4.4	19.0					
0246 024	2 x 1,0	29 x 0.195	2.25x4.7	23.5					
0246 025	2 x 1,5	27 x 0.246	2.5x5.2	32.0					

Product No.	Number of conductors x conductors cross-section	Conductor construction	Cable outer dimensions (appr.)	Cable weight (appr.)					
					mm ²	mm	mm	kg/km	
					TLgYp				
0237 018	2 x 1,5	42 x 0.195	2.5x5.2	32.0					
0237 019	2 x 2,5	70 x 0.195	3.35x6.9	55.0					
0237 020	2 x 4	114 x 0.195	4.05x8.3	85.0					
0237 021	2 x 6	110 x 0.246	5.1x10.4	130.0					
0237 022	2 x 10	186 x 0.246	5.95x12.2	205.0					

Other construction of conductors and outer dimensions available on request.
 TECHNOKABEL SA reserves the right to change specifications without prior notice.