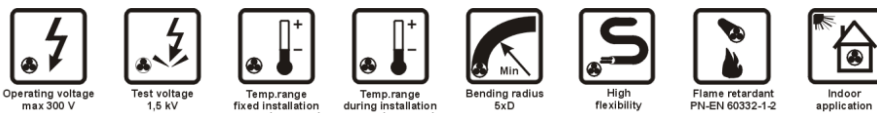


TLYp (L1), TLgYp (L1)

page 1 of 2

LOUDSPEAKER CABLES



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 strip or white with black strip (cross-sections 0.35 and 0.5 mm²),
 - transparent with black or red strip (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.

TLYp (L1), TLgYp (L1)

page 2 of 2

CHARACTERISTICS

TLYp (L1) wires

Conductor cross-section	mm ²	0,35	0,5	0,75	1,0	1,5
DC conductor resistance at 20°C	Ω/km	55.4	39.0	26.0	19.5	13.3
- maximum value		54.6	37.4	24.8	18.8	12.3
- average value						
Inductance, approximate	mH/km	422	203	96	51	30

TLgYp (L1) wires

Conductor cross-section	mm ²	1,5	2,5	4	6	10
DC conductor resistance at 20°C	Ω/km	13.3	7.98	4.95	3.3	1.91
- maximum value		12.5	7.5	4.7	3.0	1.8
- average value						
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

for movable installation

from -30 to +80 °C

from -10 to +50 °C

Minimum bending radius

5 x width of wire

Cable combustibility

flame retardant

Combustibility tests

PN-EN 60332-1-2; IEC 60332-1-2

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

Product No.	Number of conductors x conductor cross-section	Conductor construction	Outer dimensions	Cable weight (appr.)
	mm ²	mm	mm	kg/km
TLYp (L1)				
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 conductor cross-section	Conductor construction	Outer dimensions	Cable weight (appr.)
	mm ²	mm	mm	kg/km
TLgYp (L1)				
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 4,0	114 x 0.195	4.05x8.3	85.0
0237 021	2 x 6,0	110 x 0.246	5.1x10.4	130.0
0237 022	2 x 10,0	186 x 0.246	5.95x12.2	205.0

Other construction of conductors and outer dimensions available on request.

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.