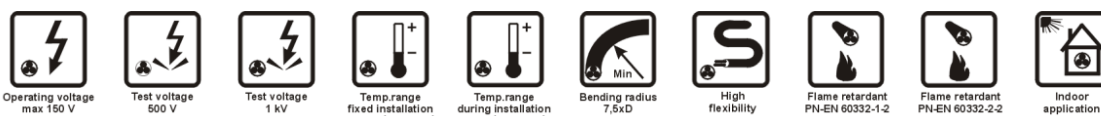


FLEXIBLE HOOK-UP WIRES



APPLICATIONS

TLY are telecommunication hook-up wires intended for use in remote control, signal and data transmission and industrial data processing systems and computer networks.

Generally, they are designed for control cabinets, electronic devices and others as interconnection cables for electronic modules, equipment and instruments.

CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires (tin-plated on request),
- PVC insulation - identification colour code in accordance with PN-91/T-90206,
- in case of multiwire cables, insulated conductors twisted into pairs, triads or quads.

AVAILABLE UPON REQUEST

TLYc - wires with heat resistant PVC insulation up to 90°C (on request for temperature up to 105°C – **TLYc 105°C**).

TLYd - wires with reinforced (thickened) insulation.

CHARACTERISTICS

Conductor cross-section	mm ²	0.055	0.079	0.124	0.22	0.35	0.50
DC conductor resistance at 20°C, maximum	Ω/km	365.0	242.0	155.0	89.3	57.2	38.8
single-wires							
multi-wires		380.0	252.0	161.0	92.0	60.0	40.0
Insulation resistance, minimum	MΩ·km	50	50	50	200	200	200
Voltage test	V rms	500	500	500	1000	1000	1000

Operating voltage 150 V

Minimum bending radius

7.5 x wire diameter

Operating temperature range

for fixed installation

for movable installation

from - 20 to + 70°C

from - 5 to + 50°C

Wire combustibility

Combustibility tests

flame retardant

PN-EN 60332-1-2, IEC 60332-1-2

PN-EN 60332-2-2, IEC 60332-2-2

Reference standards

PN-91/T-90200, PN-91/T-90206

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

Product No.	Number of conductors x conductor cross-section	Wire outer diameter (appr.)	Copper index	Wire weight (appr.)
	mm ²	mm	kg/km	kg/km
TLY				
0243 006	1 x 0,055	0.64	0.53	0.85
0243 024	1 x 0,079	0.75	0.76	1.2
0243 009	1 x 0,124	0.80	1.19	1.6
0243 011	1 x 0,22	1.0	2.11	2.6
0243 002	1 x 0,35	1.4	3.36	4.6
0243 005	1 x 0,50	1.5	4.8	6.2
0243 007	1 x 0,055c	0.64	0.53	0.85
0243 015	1 x 0,079c	0.75	0.76	1.2

c - tinned copper conductor.

Other cross-sections and conductor counts available on request.

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

Product No.	Number of conductors x conductor cross-section	Wire outer diameter (appr.)	Copper index	Wire weight (appr.)
	mm ²	mm	kg/km	kg/km
0243 008	1 x 0,124c	0.80	1.19	1.6
0243 012	1 x 0,22c	1.0	2.11	2.6
0243 003	1 x 0,35c	1.4	3.36	4.6
0243 004	1 x 0,50c	1.5	4.8	6.2
TLYd				
0245 002	1 x 0,50	1.8	4.8	7.3