

TLY

TLY Connecting telecommunication cable (T) with multi wire conductor (L) and insulation made of PVC (Y)

TLYc Connecting telecommunication cable (T) with multi wire conductor (L) and insulation made of PVC (Y) heat-resistant (c)

Application Single-conductor cable designed for use in fixed inside connections in telecommunication and electronic devices with the rated voltage not exceeding 150V.

Technical data

Conductor: Cu-ETP1 (acc. to EN 13602), multi wire, flexible, class 5 (acc. to EN 60228)
Insulation: PVC
Sheath: Not applicable
Temperature range: Up to +70°C
Up to +90°C for heat-resistant TLYc version
Standard: PN-91/T-90206
Cables conform to the requirements of REACH Regulation and RoHS Directive.

Technical characteristics

TLY

Number of conductors x Nominal Cross-section mm ²	Conductor structure		Resistance at 20°C mΩ/m	Insulation thickness mm	Sheath thickness mm	Outer diameter of cable		Approximate weight of cable kg/km
	Number of wires	Single wire diameter						
		(max.) mm				(min.) mm	(max.) mm	
1 x 0,13	7	0,16	155,0	0,12	--	--	0,90	1,9
1 x 0,22	12	0,16	89,3	0,15	--	--	1,10	3,0
1 x 0,35	19	0,16	57,2	0,25	--	--	1,60	5,9
1 x 0,50	27	0,16	39,0	0,25	--	--	1,80	7,4
1 x 0,75	40	0,16	26,0	0,25	--	--	2,00	10,0
1 x 1,00	32	0,21	19,5	0,40	--	--	2,60	13,2
1 x 1,50	29	0,26	13,3	0,40	--	--	2,90	17,8

TLYc

Number of conductors x Nominal Cross-section	Conductor structure		Resistance at 20°C	Insulation thickness	Sheath thickness	Outer diameter of cable		Approximate weight of cable
	Number of wires	Single wire diameter						
		(max.)				(min.)	(max.)	
mm ²		mm	mΩ/m	mm	mm	mm	mm	kg/km
1 x 0,13	7	0,16	155,0	0,12	--	--	0,90	1,8
1 x 0,22	12	0,16	89,3	0,15	--	--	1,10	2,9
1 x 0,35	19	0,16	57,2	0,25	--	--	1,60	5,4
1 x 0,50	27	0,16	39,0	0,25	--	--	1,80	7,2
1 x 0,75	40	0,16	26,0	0,25	--	--	2,00	9,7
1 x 1,00	32	0,21	19,5	0,40	--	--	2,60	12,8
1 x 1,50	29	0,26	13,3	0,40	--	--	2,90	17,0

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