

Li2YCY (TP) and Li2YCYv (TP)

Data transmission cable, 250 V
Twisted pairs with PE core insulation, screened and reinforced outer sheath
EN 50575 and adapted to DIN VDE 0812

Application

Signal-, control- and measuring cable for transmission of low, sensitive signals and high bit rates with high data transfer rates up to 10 Mb/s, for lossless data and signal transmission. For fixed laying and limited flexible applications with undefined cable routing and without tensile stress. Can be used in dry and humid rooms for indoor (Li2YCY) and outdoor use as well as laying directly underground (Li2YCYv).

Construction



1. Conductor: Copper conductor, stranded (class 2)
2. Insulation: PE insulation (polyethylene)
3. Core identification: According to DIN 47100
4. Stranding: Pairs stranded in layers
5. Screen: Tinned copper wire braid
6. Outer sheath: PVC, grey or (CY) reinforced PVC, black (CYv)

Technical information

Operating voltage		250 V
Test voltage	core/core	2000 V
	core/screen	1000 V
Installation temperature		-5 °C to 70 °C
Operating temperature		-30 °C to 80 °C
Min. bending radius mm	fixed	15 x D
D = outer diameter in mm	moved	10 x D
Flame propagation	single cable	IEC 60332-1
Reaction to fire		EN 50399 E _{ca}

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Number of pairs	Outer Ø nom. mm	Weight nom. kg/km	Outer Ø nom. mm	Weight nom. kg/km	Outer Ø nom. mm	Weight nom. kg/km
	0,22 mm ²		0,34 mm ²		0,5 mm ²	
Li2YCY (TP)						
1			5,8	20	6,3	56
2	7,0	41	8,3	29	7,5	80
3	7,1	61	8,4	38	9,3	98
4	7,3	76	8,7	47	9,6	119
8	9,1	118	11,0	78	12,7	213
10	10,4	149	13,0	113	14,8	258
Li2YCYv (TP)						
1			7,4	44	7,9	61
2	8,6	46	9,9	68	9,8	93
3	8,7	67	10,0	79	10,9	109
4	8,9	83	10,3	95	11,4	178
8	10,7	129	12,6	165	13,9	234
10	12,0	164	14,2	204	16,0	284

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.