

LgY-K 1,5kV

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Cable with multiwire copper conductor (L), flexible (g), with insulation made of PVC (Y), for railway rolling stock (-K), in typical performance

Application

Single-conductor cable for rated voltage of 1500V used in fixed electric installations in parts of railway rolling stock where there is no risk of exposure to mineral oils or liquid fuels.

Technical data

Conductor: Cu-ETP1 (acc. to EN13602), multi wire, flexible, class 5 (acc. to EN60228)
Insulation: PVC (acc. to PN-88 E90115)
Sheath: Not applicable
Temperature range: -30°C ÷ +65°C
 Maximum long-term operating temperature: +70°C
Standard: PN-88/E-90116
 Cables conform to the requirements of REACH Regulation and RoHS Directive.

Technical characteristics

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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 0,75		0,21	26,0	1,5	--	--	4,7	24,30
1 x 1,00		0,21	19,5	1,5	--	--	4,9	27,20
1 x 1,50		0,26	13,3	1,5	--	--	5,2	32,90
1 x 2,50		0,26	7,98	1,5	--	--	5,6	43,90
1 x 4,00		0,31	4,95	1,5	--	--	6,2	60,00
1 x 6,00		0,31	3,30	1,5	--	--	7,4	80,80
1 x 10,00		0,41	1,91	1,7	--	--	8,9	131,10
1 x 16,00		0,41	1,21	1,7	--	--	10,4	186,60
1 x 25,00		0,41	0,780	2,0	--	--	12,8	290,80
1 x 35,00		0,41	0,554	2,0	--	--	13,8	387,60

1 x 50,00		0,41	0,386	2,0	--	--	15,2	541,70
1 x 70,00		0,51	0,272	2,0	--	--	17,4	736,00
1 x 95,00		0,51	0,206	2,4	--	--	21,3	996,20
1 x 120,00		0,51	0,161	2,4	--	--	22,3	1244,80

Contact

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