

CuPr/17

CuPr/17 Automotive low voltage cable with reduced thickness of insulation made of heat-resistant synthetic resin and flexible copper conductor.

Application Single conductor automotive cable designed for the maximum rated voltage of 300V DC or 220V AC.

Technical data

Conductor: Cu-ETP1 (acc. to EN-13602), multi wire, flexible (acc. to FIAT 91107/17)
Insulation: Synthetic resin
Sheath: Not applicable
Temperature range: T3: -40°C ÷ +125°C
Standards: FIAT 91 107/17; ECE-R 117
 Cables conform to the requirements of REACH Regulation and RoHS Directive.

Technical characteristics

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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				(min.)	(max.)	
		(max.) mm				(min.) mm	(max.) mm	
1 x 0,35	7	0,26	52,0	0,20	--	1,20	1,30	4,2
1 x 0,50	16	0,21	37,1	0,22	--	1,40	1,60	5,8
1 x 0,75	24	0,21	24,7	0,24	--	1,70	1,90	8,6
1 x 1,00	32	0,21	18,5	0,24	--	1,90	2,10	11,1
1 x 1,50	30	0,26	12,7	0,24	--	2,20	2,40	15,7
1 x 2,00	28	0,30	9,42	0,30	--	--	2,60	20,5
1 x 2,50	50	0,26	7,6	0,28	--	2,70	3,00	25,7
1 x 4,00	56	0,31	4,7	0,32	--	3,40	3,70	40,5
1 x 6,00	84	0,31	3,1	0,32	--	4,00	4,30	60,3
1 x 8,00	112	0,32	2,26	0,40	--	--	5,50	81,7
1 x 10,00	80	0,41	1,82	0,48	--	--	6,00	107,1
1 x 16,00	96	0,41	1,16	0,52	--	--	7,90	165,0

1 x 25,00	126	0,41	0,74	0,52	--	--	9,40	252,4
1 x 30,00	240	0,41	0,64	1,04	--	--	11,00	316,9
1 x 35,00	276	0,41	0,53	1,04	--	--	11,60	366,6
1 x 50,00	400	0,41	0,37	1,20	--	--	13,50	521,0
1 x 70,00	555	0,41	0,26	1,20	--	--	15,50	718,6

Contact

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