



FASE 3



Date reviewed : 23/02/2011

Revision Number: 4

PVC cables

Single core PVC cables for automotive industries.

Technical data	
Voltage U ₀ / U	220 V. c.a. 300 V. c.c.
Applications / Terms of use	In a car wiring harness in case of exposure to heat sources which are not fixed on the cable (for ex. inner doors, overhead light, mixed use driver's cab/motor compartment).
Type electric conductor	Flexible red copper
Type of insulation	T2 (FIAT)
Sheath color	On demand
Operating temperature	-25° C +105° C

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Technical data

Section (mm ²)	Diameter capillary (mm)	Wire size (mm)	Average thickness of insulation (mm)	Maximum outside diameter (mm)	Electrical resistance (MΩ-km a 20°C)	Average weight (kg/km)	Factor cu (kg/km)
1x0,35	0,21	0,80	0,3	1,5	55,7000	5,50	3,36
1x0,50	0,21	0,90	0,4	1,7	37,1000	7,00	4,80
1x0,75	0,21	1,10	0,4	1,9	24,7000	9,50	7,20
1x1,00	0,21	1,20	0,4	2,0	18,5000	12,00	9,60
1x1,50	0,26	1,50	0,4	2,3	12,7000	17,00	14,40
1x2,00	0,26	1,80	0,4	2,5	N/A	20,00	19,20
1x2,50	0,26	1,90	0,4	2,7	7,6000	28,00	24,00
1x4,00	0,31	2,40	0,4	3,3	4,7100	43,00	38,40
1x6,00	0,31	3,00	0,5	4,0	3,1400	64,00	57,60
1x10,00	0,41	4,00	1,1	6,3	1,9100	114,00	96,00
1x16,00	0,41	5,00	2,0	8,9	1,2100	197,00	153,60
1x25,00	0,31	6,90	1,5	9,8	0,7800	266,00	240,00
1x30,00	0,31	8,10	1,6	11,4	N/A	364,00	288,00
1x35,00	0,41	8,40	1,5	11,4	0,5540	384,00	336,00
1x50,00	0,41	10,00	1,7	13,3	0,3860	528,00	480,00
1x70,00	0,41	12,00	1,9	15,7	0,2720	722,00	672,00