

FASE 3

PVC cables

Single core PVC cables for automotive industries.



Technical data

Nominal voltage	220 V a.c. 300 V d.c.
Applications/Usage conditions	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).
Conductor	Flexible red copper
Insulation type	T2 (FIAT)
Sheath colour	On demand (one or two colours)
Operating temperatures	-25° C +105° C
Test voltage	2000 V

Standard references

Conductor	ISO 6722
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Dimensions

Cross section (Nxmm ²)	Wires max diameter (mm)	Conductor diameter (mm)	Core thickness (mm)	Core diameter ± 0,1 (mm)	Sheath thickness (mm)	Medium outer diameter ± 0,2 (mm)	Electrical resistance at 20° C (Ω/km)	Cable approx. weight (kg/km)	Cu factor (Kg/km)
1x0,35	0,210	0,76	0,30	N/A	N/A	1,25	54,4000	5,50	3,36
1x0,50	0,210	0,87	0,35	N/A	N/A	1,55	37,1000	7,00	4,80
1x0,75	0,210	1,07	0,35	N/A	N/A	1,80	24,7000	9,50	7,20
1x1,00	0,210	1,23	0,35	N/A	N/A	2,00	18,5000	12,00	9,60
1x1,50	0,260	1,46	0,35	N/A	N/A	2,25	12,7000	17,00	14,40
1x2,00	0,260	1,79	0,35	N/A	N/A	2,50	9,4200	20,00	19,20
1x2,50	0,260	1,92	0,35	N/A	N/A	2,70	7,6000	28,00	24,00
1x4,00	0,310	2,44	0,40	N/A	N/A	3,40	4,7100	43,00	38,40
1x6,00	0,310	2,96	0,45	N/A	N/A	4,00	3,1400	64,00	57,60
1x10,00	0,410	4,02	1,15	N/A	N/A	6,30	1,8200	114,00	96,00
1x16,00	0,410	5,03	1,95	N/A	N/A	8,70	1,1600	197,00	153,60
1x25,00	0,310	6,90	1,50	N/A	N/A	9,40	0,7430	266,00	240,00
1x30,00	0,310	8,10	1,65	N/A	N/A	11,00	0,6470	364,00	288,00
1x35,00	0,410	8,40	1,50	N/A	N/A	11,40	0,5270	384,00	336,00
1x50,00	0,410	9,90	1,70	N/A	N/A	13,30	0,3680	528,00	480,00
1x70,00	0,410	11,90	1,90	N/A	N/A	15,50	0,2590	722,00	672,00

Please refer to the standard series EN 50565 as guide to use for cables with a rated voltage not exceeding 450/750 V - (U0/U) and CEI 20-92 as guide for the handling and warehousing of wooden drums for electric cables.