

## T3 FIAT 125° C

Single-core cable for automotive industry.

Used in low-voltage electrical circuits in vehicles up to 220 V a.c. 300 V d.c.



### TECHNICAL DATA

Conditions of employment	In car wiring harnesses in case of exposure to heat sources (for ex.: inner doors, overhead light, mixed use driver's cab/motor compartment)
Type of electrical conductor	Flexible red copper
Type of insulation	T3 (FIAT)
Color of the outer sheath	On demand
Operating temperature	-40° C   +125° C
Cable marking	No markings on cable

### REFERENCES STANDARDS

Main rule	Where applicable: FIAT specifications 91107/15 , FIAT specifications 9.91107
Conductor	EN 60228; IEC 60228

## DIMENSIONS

Nominal section	Wires max diameter	Conductor diameter	Insulation thickness	Diametro isolamento $\pm 0,1$	Minimum average external diameter	Medium outer diameter $\pm 0,1$	Electrical resistance 20°C	Approximate weight	Fattore CU
(Nxmm <sup>2</sup> )	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(?/km)	(kg/km)	(kg/km)
1x0,35	0,21	0,74	N/A	N/A	0,24	1,25	55,7000	N/A	3,3600
1x0,50	0,21	0,86	N/A	N/A	0,33	1,55	39,0000	N/A	4,8000
1x0,75	0,21	1,05	N/A	N/A	0,35	1,80	26,0000	N/A	7,2000
1x1,00	0,21	1,21	N/A	N/A	0,37	2,00	19,5000	N/A	9,6000
1x1,50	0,26	1,49	N/A	N/A	0,36	2,25	13,3000	N/A	14,4000
1x2,50	0,26	1,88	N/A	N/A	0,37	2,70	7,9800	N/A	24,0000
1x4,00	0,31	2,44	N/A	N/A	0,45	3,40	4,9500	N/A	38,4000
1x6,00	0,30	2,96	N/A	N/A	0,50	4,00	3,3000	N/A	57,6000

## CORES IDENTIFICATION

Cores number	Insulation colour sequence
1	NA

Refer to the CEI EN 50565 standard series as a guide to the use of cables with nominal voltage not exceeding 450/750 V (U0/U) and to the CEI 20-92 standard as a guide for the handling and storage of wooden reels for cables electrical.

Elettro Brescia S.p.A. - Via Bulloni 36 - 25050 - Camignone di Passirano (Bs) - Tel, +39 030 6850663 Fax +39 030 6850444 email: [info@elettrobrescia.it](mailto:info@elettrobrescia.it)