



SILICONE THT CU.STAGNATO



Date reviewed : 30/04/2011

Revision Number: 5

Silicone cables

Flexible tinned copper cable with silicone rubber insulating sheath and a working temperature of 230° C with max accepted peak at 250° C.

Technical data

Voltage U ₀ / U	300/500 V
Applications / Terms of use	For lighting equipment, for high temperatures produced by engines, transformers, generators, electric harnesses for household appliances.
Type electric conductor	Flexible tinned copper
Type of insulation	Silicone rubber
Sheath color	On demand (one or two colours)
Operating temperature	-60° C +230° C (peaks at 250° C)
Test voltage	2000 V
Cable marking	ELETTROBRESZIA MAX THT 250°; 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	0,6	2,1	N/A	6,00	3,36
1x0,50	0,21	0,90	0,6	2,2	40,1000	8,00	4,80
1x0,75	0,21	1,10	0,6	2,4	26,7000	11,00	7,20
1x1,00	0,21	1,20	0,6	2,5	20,0000	14,00	9,60
1x1,50	0,26	1,50	0,6	2,8	13,7000	18,00	14,40
1x2,50	0,26	1,90	0,7	3,5	8,2100	28,00	24,00
1x4,00	0,31	2,40	0,8	4,1	5,0900	45,00	38,40
1x6,00	0,31	3,00	0,8	4,7	3,3900	62,00	57,60
1x10,00	0,41	4,00	1,0	6,2	1,9500	110,00	96,00