

EN 50143 TIPO B

Silicone cables

Single core flexible cable with flexible tinned copper conductor, silicone rubber insulation, conforming with EN 50143.



TECHNICAL DATA

Nominal tension	5/10 kV
Conditions of employment	Suitable for discharge lighting devices (EN 50107).
Type of electrical conductor	Flexible tinned copper
Type of insulation	EI2 (EN 50363-1)
Color of the outer sheath	On demand (one or two colours)
Operating temperature	-60° C +180° C
Test voltage	15000 V
Cable marking	IEMMEQU ELETTRO BRESCIA EN 50143 - B - 5000/10000 V.

REFERENCES STANDARDS

Main rule	EN 50143
Conductor	EN 60228; IEC 60228
Self-extinguishing	EN 60332-1-2; IEC 60332-1-2

DIMENSIONS

Nominal section	Wires max diameter	Conductor diameter	Insulation thickness	Diametro isolamento $\pm 0,1$	Minimum average external diameter	Medium outer diameter $\pm 0,2$	Electrical resistance 20°C	Approximate weight	Fattore CU
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(%/km)	(kg/km)	(kg/km)
1x1,00	0,20	1,21	2,50	N/A	N/A	6,3	20,0000	N/A	9,6000

CORES IDENTIFICATION

Cores number	Insulation colour sequence
1,00	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.

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