



H05S-K (bare copper)



Date reviewed : 22/04/2015

Revision Number: 1

Single core silicone cables

Unbraided non-sheathed heat resistant silicone rubber insulated cable.

Technical data

Voltage U ₀ / U	300/500 V
Normative references	CEI EN 50525-2-41, CEI EN 60228
Applications / Terms of use	Internal wiring and in protected locations at high ambient temperatures limited by maximum conductor temperature in normal use of 180 °C.
Type electric conductor	Flexible red copper
Type of insulation	EI2
Sheath color	According to norm
Operating temperature	180° C
Short circuit temperature	350° C (max 5 sec.)
Test voltage	2000 V
Cable marking	ELETTO BRESCIA IEMMEQU H05S-K 1 xsect

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Section (mm ²)	Diameter capillary (mm)	Wire size (mm)	Average thickness of insulation (mm)	Minimum outside diameter (mm)	Maximum outside diameter (mm)	Electrical resistance (MΩ-km a 20°C)	Factor cu (kg/km)
1x0,50	0,21	0,90	0,8	2,4	2,6	39,0000	4,80
1x0,75	0,21	1,10	0,8	2,6	2,8	26,0000	7,20
1x1,00	0,21	1,20	0,8	2,7	2,9	19,5000	9,60
1x1,50	0,26	1,50	0,9	3,2	3,4	13,3000	14,40
1x2,50	0,26	2,00	1,0	3,9	4,1	7,9800	24,00