



H07V2-U



Date reviewed : 22/04/2015

Revision Number: 5

Single-core PVC cables

Single core non-sheathed cables for internal wiring.

Technical data

Voltage U ₀ / U	450/750 V
Normative references	CEI EN 50525-2-31
Applications / Terms of use	Installation in surface-mounted or embedded conduits, or similar closed systems and where the maximum conductor temperature in normal use of 90 °C. is not exceeded. If installed in distribution systems the maximum continuous operating temperature shall be limited to 70 °C.
Type electric conductor	Solid red copper
Type of insulation	T13
Sheath color	On demand (one colour or two colours)
Operating temperature	90° C on the conductor
Short circuit temperature	160° C on the conductor max 5 seconds
Cable marking	ELETTROBRESZIA IEMMEQU H07V2-U
Minimum bending radius	6 times the diameter of cable.

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Technical data

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)	Average weight (kg/km)	Factor cu (kg/km)
1x1,50	1,35	1,35	0,7	2,6	3,2	12,1000	20,00	14,40
1x2,50	1,75	1,75	0,8	3,2	3,9	7,4100	30,00	24,00