



H07V2-K



Date reviewed : 22/04/2015

Revision Number: 5

Flexible 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	Flexible 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-K
Minimum bending radius	6 times the diameter of cable.

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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)	Average weight (kg/km)	Factor cu (kg/km)
1x1,50	0,25	1,50	0,7	2,8	3,4	13,3000	20,00	14,40
1x2,50	0,26	1,90	0,8	3,4	4,1	7,9800	32,00	24,00
1x4,00	0,31	2,40	0,8	3,9	4,8	4,9500	48,00	38,40
1x6,00	0,31	3,00	0,8	4,4	5,3	3,3000	67,00	57,60
1x10,00	0,41	4,00	1,0	5,7	6,8	1,9100	119,00	96,00
1x16,00	0,41	5,20	1,0	6,7	8,1	1,2100	187,00	153,60
1x25,00	0,41	6,50	1,2	8,4	10,2	0,7800	265,00	240,00
1x35,00	0,41	7,70	1,2	9,7	11,7	0,5540	370,00	336,00