



ElettroBrescia
CAVI SPECIALI

Piris ::::



H07V-U



Date reviewed : 22/04/2015

Revision Number: 5

Single core PVC cables

Single core non-sheathed cables with rigid conductor.

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.
Type electric conductor	Solid red copper
Type of insulation	Tl1
Sheath color	On demand (one or two colours)
Operating temperature	70° C on the conductor (55° C in environments with fire hazard)
Short circuit temperature	160° C on the conductor max 5 seconds (140° C in environments with fire hazard)
Cable marking	ELETTROBRESCHIA IEMMEQU H07V-U
Minimum bending radius	6 times the max outer diameter.

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Technical data

Section (mm²)	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
1x4,00	2,25	2,25	0,8	3,6	4,4	4,6100	55,00	38,40
1x6,00	2,80	2,80	0,8	4,1	5,0	3,0100	81,00	57,60