



ElettroBrescia
CAVI SPECIALI

Piris



H05V2V2H2-F



Date reviewed : 22/04/2015

Revision Number: 5

Multi core flat PVC cables

Ordinary duty heat-resistant PVC sheathed cable for maximum conductor temperature of 90° C.

Technical data

Voltage U ₀ / U	300/500 V
Normative references	CEI EN 50525-2-11
Applications / Terms of use	Use in domestic premises and offices, for ordinary duty applications and household appliances, including in damp premises; use in high ambient temperatures and internal use in equipment where there is no risk of contact with hot parts; use outdoors for temporary periods of short duration.
Type electric conductor	Flexible red copper
Type of insulation	TI3
Type Outer Sheath	TM3
Sheath color	Black, white, grey
Operating temperature	90° C on the conductor
Short circuit temperature	150° C on the conductor max 5 seconds
Cable marking	ELETTOBRESCIA IEMMEQU H05V2V2H2-F
Minimum bending radius	5 times the max outer diameter in mobile laying, 3 times in fixed laying.
Insulation Color 2 x	Blue-Brown

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Technical data

Section (mm²)	Diameter capillary (mm)	Wire size (mm)	Average thickness of insulation (mm)	Average thickness sheath (mm)	Minimum outside diameter (mm)	Maximum outside diameter (mm)	Electrical resistance (MΩ·km a 20°C)	Average weight (kg/km)	Factor cu (kg/km)
2x0,75	0,21	1,10	0,6	0,80	3,7x6,0	4,5x7,2	26,0000	41,00	14,40
2x1,00	0,21	1,20	0,6	0,80	3,9x6,2	4,7x7,5	19,5000	56,00	19,20
2x1,50	0,26	1,46	0,7	0,80	4,2x7,0	5,2x8,6	13,3000	64,00	28,80