

## H07V2-U

PVC cables

Single core non-sheathed cables for internal wiring.



### TECHNICAL DATA

Nominal tension	450/750 V
Conditions of employment	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 of electrical conductor	Solid red copper
Type of insulation	TI3 (EN 50363-3)
Color of the outer sheath	On demand (one or two colours)
Operating temperature	+5° C   +90° C
Short circuit temperature	+160° C on the conductor (max 5 sec.)
Test voltage	2500 V
Cable marking	ELETTRO BRESCIA IEMMEQU <HAR> H07V2-U
Minimum radius of curvature	6 times the diameter of cable.

### REFERENCES STANDARDS

Main rule	EN 50525-2-31
Conductor	EN 60228; IEC 60228
Self-extinguishing	EN 60332-1-2; IEC 60332-1-2

## DIMENSIONS

Nominal section	Wires max diameter	Conductor diameter	Insulation thickness	Diametro isolamento $\pm 0,1$	Minimum average external diameter	Medium outer diameter $\pm 0,2$	Electrical resistance 20°C	Approximate weight	CU Factor
(Nxmm <sup>2</sup> )	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	( $\Omega$ /km)	(kg/km)	(kg/km)
1x1,50	1,35	1,35	0,70	NA	NA	2,9	12,0000	2,80	9.6
1x2,50	1,75	1,75	0,80	NA	NA	3,5	7,0000	3,40	19.2

## CORES IDENTIFICATION

Cores number	Insulation colour sequence
NA	NA

Riferirsi alla serie standard CEI EN 50565 come guida all'uso dei cavi con tensione nominale non superiore a 450/750 V (U0/U) e alla norma CEI 20-92 come guida per la movimentazione ed il deposito delle bobine in legno per cavi elettrici.

Elettro Brescia S.p.A. - Via Bulloni 36 - 25050 - Camignone di Passirano (Bs) - Tel, +39 030 6850663 Fax +39 030 6850444 email: [info@elettrobrescia.it](mailto:info@elettrobrescia.it)