

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	T13 (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	ELETTROROBRESCIA 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	Insulation diameter \pm 0,1	Minimum average external diameter	Medium outer diameter \pm 0,2	Electrical resistance 20°C	Approximate weight	CU Factor
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω /km)	(kg/km)	(kg/km)
1x1,50	1,35	1,35	0,70	N/A	N/A	2,9	12,1000	20,00	14,4000
1x2,50	1,75	1,75	0,80	N/A	N/A	3,5	7,4100	30,00	24,0000

CORES IDENTIFICATION

Cores number	Insulation colour sequence
1	NA

Refer to the CEI EN 50565 standard series as a guide to the use of cables with nominal voltage not exceeding 450/750 V (U0/U) and to the CEI 20-92 standard as a guide for the handling and storage of wooden reels for cables electrical.

Elettrobrescia S.r.l. - Via Bulloni 36 - 25050 - Camignone di Passirano (Bs) - Tel, +39 030 6850663 Fax +39 030 6850444 email: info@elettrobrescia.it