

H05V2-K ECA

PVC cables

Flexible single-core PVC insulated electric cables, sheathless, for internal wiring with a maximum continuous temperature of 90° C.



TECHNICAL DATA

Nominal tension	300/500 V
Conditions of employment	Installation inside appliances and in lighting fittings and where the maximum conductor temperature in normal use of 90 °C. is not exceeded.
Type of electrical conductor	Flexible 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	2000 V
Cable marking	ELETTRO BRESCIA IEMMEQU <HAR> H05V2-K
Minimum radius of curvature	4 times the diameter.

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	Fattore CU
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω /km)	(kg/km)	(kg/km)
1x0,50	0,21	0,86	0,60	N/A	N/A	2,2	39,0000	N/A	4,8000
1x0,75	0,21	1,05	0,60	N/A	N/A	2,4	26,0000	N/A	7,2000
1x1,00	0,21	1,21	0,60	N/A	N/A	2,5	19,5000	N/A	9,6000

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.

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