

H03VV-F

PVC cables

Light duty PVC sheathed cable.



## TECHNICAL DATA

Nominal tension	300/300 V
Conditions of employment	Use in domestic premises and offices, for light duty applications and appliances, (e.g. music centers, table and standard lamps, office machines).
Type of electrical conductor	Flexible red copper
Type of insulation	TI2 (EN 50363-3)
Type of outer sheath	TM2 (EN 50363-4-1)
Color of the outer sheath	Black, white, grey
Operating temperature	+5° C   +60° C
Short circuit temperature	+150° C on the conductor (max 5 sec.)
Test voltage	2000 V
Cable marking	ELETTRO BRESCIA IEMMEQU <HAR> H03VV-F
Minimum radius of curvature	5 times the max outer diameter in mobile laying, 3 times in fixed laying.

## REFERENCES STANDARDS

Main rule	EN 50525-2-11
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 <sup>2</sup> )	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	( $\Omega$ /km)	(kg/km)	(kg/km)
2x0,50	0,21	0,86	0,50	N/A	0,60	5,2	39,0000	39,00	9,6000
2x0,75	0,21	1,05	0,50	N/A	0,60	5,6	26,0000	49,00	14,4000
3G0,50	0,21	0,86	0,50	N/A	0,60	5,5	39,0000	49,00	14,4000
3G0,75	0,21	1,05	0,50	N/A	0,60	5,9	26,0000	59,00	21,6000
4G0,50	0,21	0,86	0,50	N/A	0,60	6,0	39,0000	57,00	19,2000
4G0,75	0,21	1,05	0,50	N/A	0,60	6,5	26,0000	74,00	28,8000

## CORES IDENTIFICATION

Cores number	Insulation colour sequence
2	Blue-Brown
3	Yellow/Green-Blue-Brown
4	Yellow/Green-Blue-Brown-Black / Yellow/Green-Brown-Black-Grey

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.

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