

# H05VVH2-F

PVC cables

Ordinary duty PVC sheathed cable.



## Technical data

Nominal voltage	300/500 V
Applications/Usage conditions	Use in domestic premises and offices, for ordinary duty applications and household appliances, including in damp premises; (e.g. vacuum cleaners, washing machines, spin dryers, and refrigerators); use outdoors for temporary periods of short duration.
Conductor	Flexible red copper
Insulation type	TI2 (EN 50363-3)
Sheath type	TM2 (EN 50363-4-1)
Sheath colour	Black, white, grey
Operating temperatures	+5° C   +60° C
Short circuit temperature	150° C on the conductor (max 5 sec.)
Test voltage	2000 V
Cable markings	ELETTRO BRESCIA IEMMEQU <HAR> H05VVH2-F
Minimum bending radius	5 time the max outer diameter in mobile laying, 3 times in fixed laying.

## Standard references

Main standard	EN 50525-2-11
Conductor	EN 60228; IEC 60228
Self-Extinguishing	EN 60332-1-2; IEC 60332-1-2

## Dimensions

Cross section	Wires max diameter	Conductor diameter	Core thickness	Core diameter ± 0,1	Sheath thickness	Medium min outer diameter	Medium max outer diameter	Electrical resistance at 20° C	Cable approx. weight	Cu factor
(Nxmm²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(Kg/km)
2x0,75	0,210	1,07	0,60	N/A	0,80	3,7x6,0	4,5x7,2	26,0000	41,00	14,40
2x1,00	0,210	1,23	0,60	N/A	0,80	3,9x6,2	4,7x7,5	19,5000	56,00	19,20

## Cores identification

Cores number	Insulation colour sequence
2	Blue-Brown

Please refer to the standard series EN 50565 as guide to use for cables with a rated voltage not exceeding 450/750 V - (U0/U) and CEI 20-92 as guide for the handling and warehousing of wooden drums for electric cables.