

H05V2V2-F

PVC cables

Flexible PVC-insulated electric cables, under medium-weight PVC sheath. With working temperature of 90° C.



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; use in high ambient temperatures and internal use in equipment where there is no risk of contact with hot parts; use outdoors for temporary periods of short duration.
Conductor	Flexible red copper
Insulation type	TI3 (EN 50363-3)
Sheath type	TM3 (EN 50363-4-1)
Sheath colour	Black, white, grey
Operating temperatures	+5° C +90° C
Short circuit temperature	150° C on the conductor (max 5 sec.)
Test voltage	2000 V
Cable markings	Kabeltec IEMMEQU <HAR> H05V2V2-F
Minimum bending radius	5 times the max outer diameter for mobile service, 3 times for fixed installation.

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 outer diameter ± 0,2	Electrical resistance at 20° C (Ω/km)	Cable approx. weight (kg/km)	Cu factor (Kg/km)
(Nxmm²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(Kg/km)
2x1,50	0,260	1,46	0,70	2,85	0,80	7,30	13,3000	N/A	28,80
3G1,50	0,260	1,46	0,70	2,85	0,90	7,90	13,3000	N/A	43,20

Cores identification

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