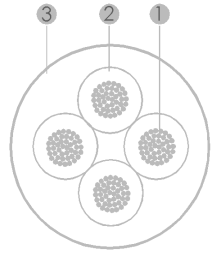


Power cable H05VV-F



1. Conduttore flessibile in rame elettrolitico rosso Electrolytic bare copper flexible conductor
2. Isolamento in PVC TI2 TI2 PVC insulation
3. Guaina in PVC TM2 TM2 PVC jacket



APPLICATIONS



They are intended for: installations in kitchens and offices; interconnection of household appliances even in wet places; any installation where they could be undergone to medium mechanical stress (washing machines, hair-dryers, refrigerators). They can be used also for cooking and heating equipments provided that the cable does not come in contact with hot parts or it is not subjected to thermal exposure.

Technical Data			
Temperature range	- 20 ÷ 70 °C (@ fixed installation)	Bending radius	≥ 8 x D (@ fixed installation)
Short-circuit temperature	160 °C	Test voltage	2000 VAC
Voltage rating	300/500 VAC	Flame resistance	IEC 60332-1-2 CPR class Eca
Suitable for indoor use		Suitable for fixed installation	

Size conductor [mm ²]	Conductor stranding [N° x mm]	Electrical resistance [Ω / Km]	Diameter on insulation [mm]	Radial thickness of insulation [mm]
0.75	24 x 0.193	≤ 26.0	2.33 ± 0.1	≥ 0.60
1	32 x 0.193	≤ 19.5	2.47 ± 0.1	≥ 0.60
1.25	42 x 0.193	≤ 15.6	2.80 ± 0.1	≥ 0.70
1.5	28 x 0.243	≤ 13.3	2.85 ± 0.1	≥ 0.70
2.5	48 x 0.243	≤ 7.98	3.6 ± 0.1	≥ 0.80
4	52 x 0.300	≤ 4.95	4.1 ± 0.1	≥ 0.80

Size conductor [mm ²]	Outer diameter [mm]	Thickness of jacket [mm]
2 x 0.75	6.2 ± 0.2	≥ 0.80
3 x 0.75	6.5 ± 0.2	≥ 0.80
4 x 0.75	7.1 ± 0.2	≥ 0.80
5 x 0.75	8.1 ± 0.2	≥ 0.90
2 x 1	6.5 ± 0.2	≥ 0.80
3 x 1	6.9 ± 0.2	≥ 0.80
4 x 1	7.8 ± 0.2	≥ 0.90
5 x 1	8.35 ± 0.2	≥ 0.90
2 x 1.25	7.2 ± 0.2	≥ 0.80
3 x 1.25	7.9 ± 0.2	≥ 0.90
2 x 1.5	7.3 ± 0.2	≥ 0.80
3 x 1.5	7.9 ± 0.2	≥ 0.90
4 x 1.5	9.0 ± 0.2	≥ 1.0
5 x 1.5	9.85 ± 0.3	≥ 1.1
2 x 2.5	9.3 ± 0.2	≥ 1.0
3 x 2.5	10.0 ± 0.3	≥ 1.1
4 x 2.5	10.75 ± 0.3	≥ 1.1
5 x 2.5	12.3 ± 0.3	≥ 1.2
2 x 4	10.6 ± 0.3	≥ 1.1
3 x 4	11.3 ± 0.3	≥ 1.2
4 x 4	12.4 ± 0.3	≥ 1.2
5 x 4	14.0 ± 0.3	≥ 1.4

REMARK : The 1.25 mm² size cables are intended for use on appliances fitted with 13 A plugs conforming to BS 1363-1 or I.S 401 standards