

300/500V Cables

H05VV5-F



Description

These cables are indicated for indoor use, mobile services, signals and service connection in tool machines. The sheath of these cables has excellent resistance properties to abrasion, humidity, impact as well as to mineral oils for general use.



Applications

- Indoor or receiver installations
- Indoor installations in housing. Premises that contain a bath or shower
- Installations in premises with special characteristics
- Installations with special purposes. Provisional and temporary works installations
- Electrical installations in furnishings

Dimensions

Section (mm ²)	Resistance at 20 °C (Ω/km)	External Diameter (mm)	Weight (Kg/Km)
2x1	19,50	6,60	68
3G1	19,50	7,00	80
4G1	19,50	7,80	97
5G1	19,50	8,50	127
6G1	19,50	9,50	139
7G1	19,50	10,30	150
8G1	19,50	10,60	182
10G1	19,50	12,07	207
12G1	19,50	12,80	252
14G1	19,50	13,45	298
16G1	19,50	14,60	335
19G1	19,50	15,30	383
24G1	19,50	18,20	490

Cables available up to 61 conductors

Technical characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228.
2. Insulation	PVC insulation, type TI-2, according to UNE 21031-13 and HD 21.13S1:1995/A1:2001.
3. Sheathing	PVC sheath with nitrile rubber additive, type TM-5, oil resistant, according to UNE 21031 y HD 21.13S1:1995/A1:2001.
Rated voltage	300/500V
Test voltage	2.000V in A.C.
Maximum temperature	70°C
Other characteristics	

- Mineral oil-resistant cable according to UNE-EN 60811, EN 60811 and IEC 60811
- Colour according to UNE 21089 (marked with colours for less than five conductors) and HD 308S2:2001
- Colour according to UNE-EN 50334 (marked by inscription for more than five conductors) and EN 50334:2001
- Non-flame propagating according to UNE-EN 60332, EN 60332 and IEC 60332

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