

Cables 300/500 V

H05VV-F



Description

These cables are indicated for indoor mobile installations and household appliances with medium mechanical strain, their main use being for domestic applications.

Reference Standards: UNE-EN 50525-2-11, EN 50525-2-11 and IEC 60227-5

Applications

Suitable for the following installations:

- 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
- Installations with special purposes: Fairs and stands Receiver installations
- Electrical installations in furnishings

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 BS7655, UNE-EN 50363-3 and EN 50363-3 |
| 3. Sheath | PVC sheath, type TM-2, according to BS 7655, UNE-EN 50363-4-1 and EN 50363-4-1 |
| Nominal voltage | 300/500 V |
| Test voltage | 2.000 V A.C. |
| Maximum temperature | 70 °C |

Other characteristics

Colours according to UNE 21089 and HD 303S2 (colour marking when less than five conductors) and UNE-EN 50334 y EN 50334 (inscription marking when more than five conductors)

Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

PVC with reduced hydrogen chloride (HCl) emission

CPR Classification according to EN 50575

Dimensions

| Section (mm ²) | Resistance at 20 °C (Ohm/km) | External Diameter (mm) | Weight (kg/km) | Class |
|----------------------------|------------------------------|------------------------|----------------|-------|
| 2x0,75 | 26 | 5,80 | 51 | Eca |
| 2x1 | 19,5 | 6,30 | 61 | Eca |
| 2x1,5 | 13,3 | 7,05 | 80 | Eca |
| 2x2,5 | 7,98 | 8,80 | 111 | Eca |
| 2x4 | 4,95 | 9,70 | 161 | Eca |
| 3x0,75 | 26 | 6,20 | 60 | Eca |
| 3x1 | 19,5 | 6,65 | 74 | Eca |
| 3G1,5 | 13,3 | 7,90 | 104 | Eca |
| 3G2,5 | 7,98 | 9,65 | 152 | Eca |
| 3x4 | 4,95 | 10,80 | 210 | Eca |
| 4x0,75 | 26 | 6,90 | 73 | Eca |
| 4x1 | 19,5 | 7,55 | 94 | Eca |
| 4x1,5 | 13,3 | 8,85 | 130 | Eca |
| 4x2,5 | 7,98 | 10,60 | 187 | Eca |
| 4x4 | 4,95 | 11,90 | 260 | Eca |
| 5x0,75 | 26 | 7,70 | 90 | Eca |
| 5x1 | 19,5 | 8,20 | 110 | Eca |
| 5G1,5 | 13,3 | 9,80 | 157 | Eca |
| 5G2,5 | 7,98 | 12,00 | 233 | Eca |
| 5x4 | 4,95 | 13,55 | 326 | Eca |