

300/500V Cables

05Z1Z1-F (AS)



Description

Especially indicated those places where high safety materials have to be installed or where greater fire protection is required. These cables are indicated for indoor mobile installations and household appliances with medium mechanical strain.



Applications

- Indoor or receiver installations
- Public premises
- Installations on premises with fire or explosion risk
- Installations in premises with special characteristics
- Installations with special purposes: provisional and temporary works installations
- Installations with special purposes, fairs and stands

They are also appropriate for other installations where greater fire protection is required, even in housing.

Technical characteristics

| | |
|------------------------------|---|
| 1. Conductor | Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228. |
| 2. Insulation | Thermoplastic polyolefin halogen-free insulation, type TI-6, according to UNE 21031-14. |
| 3. Sheathing | Thermoplastic polyolefin Halogen-free sheath, type TM-7, according to UNE 21031-14 and HD 21.14S1:2002. |
| Rated voltage | 300/500V |
| Test voltage | 2.000V in A.C. |
| Maximum temperature | 70°C |
| Other characteristics | |

- Colours according to UNE-EN 50334 and EN 50334:2001
- Non-flame propagating according to UNE-EN 60332, EN 60332, IEC 60332
- Non-fire propagating according to UNE-EN 50266, EN 50266
- Low halogen content according to UNE-EN 50267 and EN 50267
- Low corrosive gas emission according to UNE-EN 50267 and EN 50267
- Low opaque smoke emission according to UNE-EN 61034, EN 61034, IEC 61034



Dimensions

| Section (mm ²) | Resistance at 20 °C (Ω/km) | External diameter (mm) | Weight (Kg/Km) |
|----------------------------|----------------------------|------------------------|----------------|
| 6G1 | 19,50 | 9,70 | 135 |
| 7G1 | 19,50 | 10,41 | 166 |
| 8G1 | 19,50 | 10,87 | 185 |
| 10G1 | 19,50 | 14,03 | 211 |
| 14G1 | 19,50 | 13,30 | 277 |
| 16G1 | 19,50 | 14,15 | 315 |

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