

Cables 300/500 V

05Z1Z1-F



Description

Specially 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. Reference Standards: UNE-EN 50525-3-11, EN 50525-3-11 and IEC 60227

Applications

- Suitable for the following installations:
- 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. Sheath	Thermoplastic polyolefin Halogen-free sheath, type TM-7, according to UNE 21031-14 and HD 21.14S1:2002.
Maximum temperature	70 °C
Nominal voltage	300/500V
Test voltage	2.000 V A.C.

Other characteristics

Colours according to UNE 21089 and HD 303S2 (colour marking when less than five conductors) and UNE-EN 50334 and 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
 Low halogen content according to IEC 60754-1 and 60754-2
 Low corrosive gas emission according to IEC 60754-1 and 60754-2
 Low opaque smoke emission according to UNE-EN 61034, EN 61034, IEC 61034
 CPR Classification according to EN 50575

Dimensions

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
4x6	3,3	13,95	370	Dca- s2, d2, a2
6G1	19,5	9,15	131	Dca- s2,d2,a2
7x0,75	26	8,55	118	Dca- s2, d2, a2
7x1	19,5	9,15	140	Dca- s2, d2, a2
7x1,5	13,3	10,65	197	Dca- s2, d2, a2
8x1	19,5	9,90	160	Dca- s2, d2, a2
10x1	19,5	11,75	220	Dca- s2, d2, a2
16x1	19,5	14,55	338	Dca- s2, d2, a2
18x1	19,5	13,60	316	Dca- s2, d2, a2
19x1	19,5	14,60	363	Dca- s2, d2, a2
24x1	19,5	17,35	497	Dca- s2, d2, a2

