

Cables 300/500 V

H05Z1Z1-F



Description

Especially indicated in those places where high safety materials need to be installed or where greater fire protection is required. These cables are indicated for indoor mobile installations and for 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 in 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 HD 21:14S1
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

Low halogen content according to UNE 211002 Appendix A, HD 21.15 S1:2006

Low corrosive gas emission according to UNE 211002 Appendix Z, HD 21.15 S1:2006

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
2x0,75	26	5,70	49	Dca- s2, d2, a2
2x1	19,5	6,15	58	Dca- s2, d2, a2
2x1,5	13,3	7,25	81	Dca- s2, d2, a2
2x2,5	7,98	8,60	119	Dca- s2, d2, a2
2x4	4,95	10,05	168	Dca- s2, d2, a2
3G0,75	26	6,00	58	Dca- s2, d2, a2
3G1	19,5	6,60	70	Dca- s2, d2, a2
3x1,5	13,3	7,50	94	Dca- s2, d2, a2
3G1,5	13,3	7,50	94	Dca- s2, d2, a2
3G2,5	7,98	9,20	147	Dca- s2, d2, a2
3G4	4,95	10,90	212	Dca- s2, d2, a2
4x0,75	26	6,80	72	Dca- s2, d2, a2
4x1	19,5	7,45	89	Dca- s2, d2, a2
4G1,5	13,3	8,60	125	Dca- s2, d2, a2
4x2,5	7,98	10,25	183	Dca- s2, d2, a2
4x4	4,95	11,80	258	Dca- s2, d2, a2
5x0,75	26	7,50	86	Dca- s2, d2, a2
5x1	19,5	7,80	100	Dca- s2, d2, a2
5x1,5	13,3	9,70	151	Dca- s2, d2, a2
5x2,5	7,98	11,30	219	Dca- s2, d2, a2
5x4	4,95	13,50	323	Dca- s2, d2, a2