

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 62821

Applications

Suitable for the following installations:

- Indoor or receiver installations
- Public premisesInstallations 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	Halogen-free thermoplastic polyolefin, type TI-6 in compliance with UNE 21031-14
3. Sheath	Halogen-free thermoplastic polyolefin, type TM-7 in compliance with UNE 21031-14 and HD 21.14S1
Test voltage	2.000 V A.C.
Nominal voltage	300/500V
Colours	Colors according to UNE-EN 50334, EN 50334
No flame spread	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 emission of corrosive gases	According to UNE-EN 50267, EN 50267 and IEC 60754-1 and 60754-2
Low emission of opaque fumes	According to UNE-EN 61034-2, EN 61034-2 and IEC 61034-2
Other characteristics	Other compositions and identification colors of the primers are available upon request.

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Dimensions

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
4x6	3,3	13,95	373	
4x10	1,91	17,46	589	Dca-s2,d2,a2
5x6	3,3	16	472	Dca-s2,d2,a2
5x10	1,91	18,2	715	Dca-s2,d2,a2
5x16	1,21	21,5	1038	
6x1	19,5	9,15	135	Dca-s2,d2,a2
6x1,5	13,3	11,01	195	
7x0,75	26	8,55	119	Dca-s2,d2,a2
7x1	19,5	9,15	142	Dca-s2,d2,a2
7x1,5	13,3	11,11	206	Dca-s2,d2,a2
8x1	19,5	9,9	164	Dca-s2,d2,a2
10x0,5	39	8,5	116	
10x1	19,5	11,73	231	Dca-s2,d2,a2
10x1,5	13,3	13,72	300	Dca-s2,d2,a2
12x1	19,5	12,14	243	Dca-s2,d2,a2
14x1	19,5	11,86	255	Dca-s2,d2,a2
15x0,75	26	12,6	240	Dca-s2,d2,a2
16x0,5	39	14	180	
16x1	19,5	13,8	340	Dca-s2,d2,a2
18x1	19,5	13,8	368	Dca-s2,d2,a2
19x1	19,5	14,6	374	Dca-s2,d2,a2
20x0,75	26	14,35	314	Dca-s2,d2,a2
24x1	19,5	17,32	499	Dca-s2,d2,a2
27x1	19,5	15,87	465	Dca-s2,d2,a2
30x1	19,5	16,99	526	Dca-s2,d2,a2
37x1	19,5	18,6	623	Dca-s2,d2,a2