

450/750V Cables

H07Z1-K(AS)



Description

These flexible and halogen-free cables are indicated for permanent installations in public premises and where low fumes and corrosive gas emission is required in case of fire, such as hospitals, schools, shopping centres, airports and all those installations where greater fire protection is required. These cables are also appropriate for the installation of individual by-passes.



Applications

- Individual by-pass
- Indoor or receiver installations
- Public premises
- Installations in premises with fire or explosion risk

Appropriate for 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 EN 60228.
2. Insulation	Thermoplastic halogen-free material insulation, type TI-7, according to HD 21.15S1:2006.
Rated voltage	450/750V
Test voltage	2.500V in A.C.
Maximum temperature	70°C
Other characteristics	
- Colours according to UNE 21031 and HD 21.1S4:2002	



Dimensions

Section (mm ²)	Resistance at 20 °C (Ω/km)	External Diameter (mm)	Weight (Kg/Km)
1,5	13,30	2,90	20
2,5	7,98	3,50	35
4	4,95	4,00	45
6	3,30	4,60	65
10	1,91	5,90	110
16	1,21	6,90	165
25	0,780	8,60	250
35	0,554	9,10	340
50	0,386	11,50	485
70	0,272	13,40	675
95	0,206	15,30	890
120	0,161	17,20	1.125
150	0,129	19,00	1.400
185	0,106	20,90	1.695
240	0,0801	24,20	2.260

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