

H07Z1-R



Description

These halogen-free cables H07Z1-R are indicated for permanent installations in public premises where low fumes and corrosive gas emission is required in case of fire, such as hospitals, schools, shopping centers, airports, and all those installations where a greater fire protection is required. They are also appropriate for the installations of individual by-passes.

Standards of reference: UNE-EN 50525-3-31, EN 50525-3-31, UNE 211002 e IEC 60227-3

Applications

Suitable for installations where greater fire protection is required, even in housing.

They are also appropriated for the following installations:

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

Technical Characteristics

1. Conductor	Electrolytic copper conductor (Class II) according to BS EN 60228:2005 (previously BS6360) and EN 60228.
2. Insulation	Halogen-free thermoplastic polyolefin, type TI-7 in compliance with UNE-EN 50363-7, EN 50363-7.
Nominal voltage	450/750 V
Test voltage	2.500 V A.C.
Maximum temperature	70 °C
Colors	According to UNE-EN 50525-1 and EN 50525-1
No flame spread	According to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2
Non-spread of fire	According to UNE-EN 60332-3-24, EN 60332-3-24 and IEC 60332-3-24
Non-spread of fire CPR	According to EN 50399
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



Dimensions

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight(kg/km)
1x1,5	12,1	2,85	21
1x2,5	7,41	3,4	31
1x4	4,61	4,05	46
1x6	3,08	4,5	64
1x10	1,83	5,65	107
1x16	1,15	6,6	160
1x25	0,727	8,25	254
1x35	0,524	9,3	342
1x50	0,387	11	497
1x70	0,268	13	701
1x95	0,193	16	994