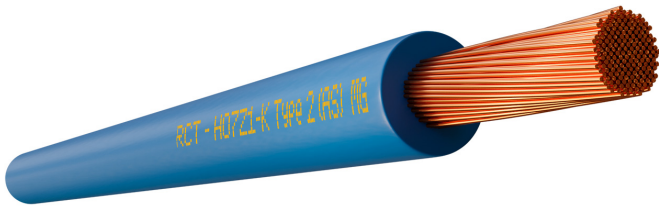


Cables Marking Grade

H07Z1-K Type 2 (AS) Marking Grade



Description

These flexible and halogen-free cables H07Z1-K (AS) 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.

The Marking Grade denomination makes reference to the special compound used in its insulation which provides with an improvement its marking and re-marking with ink. Special for inkjet machine.

Reference Standards UNE-EN 50525-3-31, EN 50525-3-31 e IEC 60227

Applications

Suitable for the following installations:

- 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. Special for applications in which a marking with ink is required. Special for inkjet machine.



Dimensions

Section (mm2)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x1,5	13,3	2,92	20	Cca-s1b,d1,a1
1x2,5	7,98	3,58	31	Cca-s1b,d1,a1
1x4	4,95	4,1	46	Cca-s1b,d1,a1
1x6	3,3	4,64	64	Cca-s1b,d1,a1
1x10	1,91	5,98	109	Cca-s1b,d1,a1
1x16	1,21	6,7	163	Cca-s1b,d1,a1
1x25	0,78	8,4	243	Cca-s1b,d1,a1



Technical Characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228
2. Insulation	Thermoplastic halogen-free material insulation, type TI-7, according to EN 50525-3-31, HD 21.15S1:2006. Special formula for inkjet printer.
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
Other characteristics	Especially for inkjet machines



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