

Cables 450/750 V

H07Z1-K Type 2 (AS) CPR



Description

The H07Z1-K Type 2 (AS) CPR halogen-free cables comply with the construction product classification criteria according to the EU CPR Regulation 305/2011 and EN 50575, being those indicated for fixed 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.

Reference Standards: UNE-EN 50525-3-31, EN 50525-3-31, and UNE 211002

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.

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.
Nominal voltage	450/750 V
Test voltage	2.500 V A.C.
Maximum temperature	70 °C

Other characteristics

Colours according to UNE-EN 50525-1, EN 50525-1

Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2, IEC 60332-1-2

Non-fire propagating according to EN 50399, UNE-EN 60332-3-24, EN 60332-3-24, IEC 60332-3-24

Low halogen content according to UNE-EN 21031-15 Appendix A and HD 21.15S1:2006

Low corrosive gas emission according to UNE 21031 Appendix A0, HD 21.15S1:2006

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
1x1,5	13,3	2,90	19	Cca- s1b, d1, a1
1x2,5	7,98	3,55	30	Cca- s1b, d1, a1
1x4	4,95	4,10	44	Cca- s1b, d1, a1
1x6	3,3	4,60	62	Cca- s1b, d1, a1
1x10	1,91	6,00	103	Cca- s1b, d1, a1
1x16	1,21	7,00	157	Cca- s1b, d1, a1
1x25	0,78	8,50	234	Cca- s1b, d1, a1
1x35	0,554	9,75	327	Cca- s1b, d1, a1
1x50	0,386	11,60	456	Cca- s1b, d1, a1
1x70	0,272	13,40	643	Cca- s1b, d1, a1
1x95	0,206	16,20	867	Cca- s1b, d1, a1
1x120	0,161	17,80	1.113	Cca- s1b, d1, a1
1x150	0,129	19,90	1.344	Cca- s1b, d1, a1
1x185	0,106	22,30	1.704	Cca- s1b, d1, a1
1x240	0,0801	25,00	2.137	Cca- s1b, d1, a1