



## DESCRIPTION

- Construction Standard: UNE-EN 50525-3-31, EN 50525-3-31, UNE 211002
- Low Voltage Directive (LVD) compliant: 2014/35/UE
- Construction Products Regulation (CPR) - (EU) N° 305/2011: **Reaction to fire Cca-s1b, d1, a1**
- DoP Number: **C006-ENG-H07Z1K**
- RoHS compliant.

The **H07Z1-K(AS)** is a high-performance cable 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.

## TECHNICAL CHARACTERISTICS

Conductor	Flexible electrolytic copper conductor (Class V) according to UNE-EN 60288
Insulation	Thermoplastic halogen-free material insulation
Nominal Voltage	450/750 V
Voltage Test	2.500 V A.C
Maximum conductor temperatures	70 °C

## OTHER CHARACTERISTICS

- Non-flame propagation according to EN 60332-1-2, UNE-EN 60332-1-2, IEC 60332-1-2.
- Non-fire propagation according to EN 60332-3-24, UNE-EN 60332-3, IEC 60332-3.
- Low halogen content according to UNE-EN 60754, EN 50267 and IEC 60754.
- Low corrosive gas emission according to UNE-EN 50267, EN 50267 and IEC 60754.
- Low smoke emission according to UNE-EN 61034, EN 61034 and IEC 61034.
- **Fire reaction (CPR) Cca-s1b, d1, a1.**
- Water absorption resistance.
- High cold resistance.
- High flexibility.

## SECTIONS

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	Nominal outer diameter (mm)	Weight (kg/m)	CPR
1X1.5	13.3	2,9	0,02	Cca-s1b-d1-a1
1X2.5	7.98	3,4	0,03	Cca-s1b-d1-a1
1X4	4.95	3,9	0,04	Cca-s1b-d1-a1
1X6	3.3	4,5	0,06	Cca-s1b-d1-a1
1X10	1.91	5,4	0,10	Cca-s1b-d1-a1
1X16	1.21	6,5	0,15	Cca-s1b-d1-a1
1X25	0.78	8,3	0,24	Cca-s1b-d1-a1
1X35	0.554	9,4	0,32	Cca-s1b-d1-a1
1X50	0.386	11	0,46	Cca-s1b-d1-a1
1X70	0.272	12,9	0,65	Cca-s1b-d1-a1
1X95	0.206	14,3	0,85	Cca-s1b-d1-a1
1X120	0.161	16,6	1,07	Cca-s1b-d1-a1
1X150	0.129	19,2	1,36	Cca-s1b-d1-a1
1X185	0.106	21,6	1,66	Cca-s1b-d1-a1
1X240	0.0801	23,9	2,18	Cca-s1b-d1-a1

*\*The values of the outer diameters are approximate, always within production tolerance. For more information, please contact us.*

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