

Cables Marking Grade

H07Z-K Marking Grade



Description

These cables are suitable for setting up wiring installations for panels, especially when a low fume and corrosive gas emission and improved behaviour with temperature is required.

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 50525-3-41, EN 50525-3-41, IEC 60227-3

Applications

Suitable for the following installations:

- Meter centralization
- Premises with public attendance

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

Technical Characteristics

1. Conductor	Class V Electrolyte copper in accordance with UNE-EN 60228, EN 60228
2. Insulation	Thermosetting material with polyolefin base with low fume and corrosive gases emission, type EI-5 in accordance with UNE 21027-9 and HD 22.9S3:2007 Special formula for inkjet printer
Nominal voltage	450/750V
Test voltage	2.500 V A.C.
Maximum temperature	90 °C

Other characteristics

Colours in accordance with UNE 21027 and HD 22.1S4
 No flame propagation in accordance with UNE-EN 60332, EN 60332, IEC 60332-1
 Low halogen content in accordance with UNE 21027-9, HD 22.9S3:2007 and IEC 60754-2
 Low corrosive gases emission in accordance with UNE 21027-9, HD 22.9S3:2007 and IEC 60754-2
 Low opaque fume emission in accordance with UNE-EN 61034, EN 61034 and IEC 61034
 Curvature radius up to 16mm²: 4 x external diameter
 Curvature radius from 25mm² to 35mm²: 5 x external diameter
 Curvature radius from 50mm² on: 6 x external diameter
 Special for inkjet machine.

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Dimensions

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
1x1,5	13,3	2,80	18
1x2,5	7,98	3,40	28
1x4	4,95	3,90	43
1x6	3,3	4,40	59
1x10	1,91	5,70	103
1x16	1,21	6,70	154
1x25	0,78	8,40	229
1x35	0,554	9,70	315
1x50	0,386	11,50	453
1x70	0,272	13,40	643
1x95	0,206	15,55	838
1x120	0,161	16,70	1.062
1x150	0,129	19,50	1.352
1x185	0,106	21,50	1.616
1x240	0,0801	23,90	2.057

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