

Cables Marking Grade

H07Z-K 90°C 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	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 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	450/750 V
Test voltage	2.500 V A.C.
Maximum temperature	90 °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
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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Dimensions

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x1,5	13,3	2,9	19	Dca-s2,d2,a2
1x2,5	7,98	3,48	29	Dca-s2,d2,a2
1x4	4,95	4	43	Dca-s2,d2,a2
1x6	3,3	4,48	60	Dca-s2,d2,a2
1x10	1,91	5,9	105	Dca-s2,d2,a2
1x16	1,21	6,85	154	Dca-s2,d2,a2
1x25	0,78	8,47	232	Dca-s2,d2,a2
1x35	0,554	9,8	323	Dca-s2,d2,a2
1x50	0,386	11,6	464	Dca-s2,d2,a2
1x70	0,272	13,45	653	Dca-s2,d2,a2
1x95	0,206	16	856	Dca-s2,d2,a2
1x120	0,161	17,8	1106	
1x150	0,129	19,6	1361	
1x185	0,106	21,56	1628	
1x240	0,0801	24,12	2146	