

Cables Marking Grade

H05Z-K 90°C Marking Grade



Description

These cables are suitable for setting up cable installations for panels, especially when we require low corrosive gas and fume emission and an improved behaviour with temperature.

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

Dimensions

| Section (mm2) | Resistance at 20°C (Ohm/km) | External Diameter (mm) | Weight (kg/km) | Class |
|---------------|-----------------------------|------------------------|----------------|-------|
| 1x0,5         | 39                          | 2,1                    | 8              | Eca   |
| 1x0,75        | 26                          | 2,26                   | 10             | Eca   |
| 1x1           | 19,5                        | 2,44                   | 13             | Eca   |

Applications

- Suitable for the following installations:
- Wiring of panels
  - 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<br>Special formula for inkjet printer |
| Nominal voltage                 | 300/500V                                                                                                                                                                                  |
| Test voltage                    | 2.000 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                                                                                                                             |
| 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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