

Cables 450/750 V

## H07Z-U



### Description

These cables are suitable for wiring installations for meter centralization and panels, especially when a low fume and corrosive gases and improved behaviour with temperature are required.

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

### Technical Characteristics

|                     |   |
|---------------------|---|
| 1. Conductor        | Electrolytic copper Class I in accordance with UNE-EN 60228 and 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 |
| Nominal voltage     | 450/750 V   |
| Test voltage        | 2.500 V A.C.  |
| Maximum temperature | 90 °C   |

#### Other characteristics

Colours in accordance with UNE 21027 and HD 22.1S4

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

Low halogen content in accordance with UNE 21027-9, HD 22.9S3:2007 and IEC 60754-1 and 60754-2-2

Low corrosive gases emission in accordance with UNE 21027-9, HD 22.9S3:2007 and IEC 60754-1 and 60754-2-2

Low opaque fume emission in accordance with UNE-EN 61034, EN 61034 and IEC 61034

Curvature radius: 4 x external diameter

### Dimensions

| Section (mm <sup>2</sup> ) | Resistance at 20 °C (Ohm/km) | External Diameter (mm) | Weight (kg/km) |
|----------------------------|------------------------------|------------------------|----------------|
| 1x1,5                      | 12,1                         | 2,70                   | 19             |
| 1x2,5                      | 7,41                         | 3,30                   | 29             |
| 1x4                        | 4,61                         | 3,65                   | 43             |
| 1x6                        | 3,08                         | 4,75                   | 69             |



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