

Cables 300/500 V

ES05Z-U (AS)



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.

Reference Standards: UNE-EN 50525-3-41, EN 50525-3-41 and IEC 60227-3

Applications

Suitable for the following installations:

- Wiring of panels. 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 gas emission, type EI-5, in accordance with UNE 21027-9 and HD 22.9S3:2007
Nominal voltage	300/500 V
Test voltage	2.000 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

No fire propagating in accordance with UNE-EN 60332-3-24, EN 60332-3-24 and IEC 60332-3-24

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

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

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

Curvature radius: 4 x external diameter

Dimensions

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
1x0,5	36	2,00	8
1x0,75	24,5	2,20	11
1x1	18,1	2,30	13



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