

Cables 450/750 V

## ES07Z-K



### Description

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

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

### Applications

Suitable for the following installations:

- Panel wiring Premises with public attendance

### 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
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

Non-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 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 up to 16mm<sup>2</sup>: 4 x external diameter

Curvature radius from 25mm<sup>2</sup> to 35mm<sup>2</sup>: 5 x external diameter

Curvature radius from 50mm<sup>2</sup> on: 6 x external diameter

### Dimensions

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
1x1,5	13,3	2,90	18
1x2,5	7,98	3,50	29
1x4	4,95	4,00	43
1x6	3,3	4,50	59
1x10	1,91	5,90	103
1x16	1,21	6,85	153
1x25	0,78	8,50	231
1x35	0,554	9,80	316
1x50	0,386	11,60	452
1x70	0,272	13,45	639
1x95	0,206	16,00	855
1x120	0,161	17,80	1.102
1x150	0,129	19,60	1.357
1x185	0,106	21,60	1.652
1x240	0,0801	24,15	2.092