

# Cables 450/750 V

## ES07Z-R (AS)



### Description

These cables are indicated for executing wiring installations for meter centralisation, boards, panels and especially when low fumes and corrosive gas emission, as well as improved temperature behaviour are required.  
Reference Standards: UNE-EN 50525-3-41, EN 50525-3-41 and IEC 60227-3

### Applications

Suitable for the following installations:

- Meter centralisation
- Public premises

### Technical Characteristics

1. Conductor	Electrolytic copper conductor, Class II, according to BS EN 60228:2005 (previously BS6360) and EN 60228.
2. Insulation	Thermostable material insulation with polyolefin base and low smoke and corrosive gas emission, type EI-5, according to UNE 21027-9 and HD 222007.
Nominal voltage	450/750 V
Test voltage	2.500 V A.C.
Maximum temperature	90 °C

#### Other characteristics

Colours according to 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 according to UNE 21027-9 and HD 22.9S3:2007  
Low corrosive gas emission according to UNE 21027-9 and HD 22.9S3:2007  
Low opaque smoke emission according to UNE-EN 61034, EN 61034 and IEC 61034

### Dimensions

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
1x1	18,1	2,50	13
1x1,5	12,1	2,80	19
1x2,5	7,41	3,45	31
1x4	4,61	3,90	45
1x6	3,08	4,50	63
1x10	1,83	5,70	104
1x16	1,15	6,40	155
1x25	0,727	8,20	249
1x35	0,524	9,30	339
1x50	0,387	10,90	463
1x70	0,268	12,90	663
1x95	0,193	15,10	902
1x120	0,153	16,30	1.148
1x150	0,124	18,35	1.395
1x185	0,101	20,60	1.762
1x240	0,0775	23,80	2.275
1x300	0,062	26,10	2.891