

## Cables 300/500 V ES05Z1-K (AS)



### Description

These flexible and halogen-free cables are indicated for permanent installations in public premises and where low corrosive gas and fumes emission is required in case of fire, such as hospitals, schools, shopping centres, airports and in all installations where greater fire protection is required. These cables are also appropriate for the installation of individual by-passes. It satisfies all the specifications of cable H05Z1-K. Reference Standards: UNE-EN 50525-3-31, EN 50525-3-31, UNE 211002 and IEC 60227-3

### Applications

- Suitable for the following installations:
- Individual by-pass/Indoor or receiver installations
  - Public premises/Installations in premises with fire or explosion risk
  - Appropriate for other installations where greater fire protection is required, even in housing.

### Technical Characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228.
2. Insulation	Halogen-free thermoplastic material insulation, type TI-7, according to UNE 211002 and HD 21.15S1:2006.
Nominal voltage	300/500 V
Test voltage	2.000 V A.C.
Maximum temperature	70 °C

#### Other characteristics

Colours according to UNE-EN 50525-1 and EN 50525-1  
 Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2  
 Low halogen content according to UNE 211002 Appendix A, HD 21.15S1:2006  
 Low corrosive gas emission according to UNE 211002 Appendix A, HD 21.15S1:2006  
 Low opaque smoke emission according to UNE-EN 61034, EN 61034, IEC 61034

### Dimensions

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x0,5	39	2,10	8	Cca- s1b, d1, a1
1x0,75	26	2,25	11	Cca- s1b, d1, a1
1x1	19,5	2,45	14	Cca- s1b, d1, a1