

## 300/500V Cables

### 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-pass. It satisfies all the specifications of cable H05Z1-K (AS).



#### Applications

- 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

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

- Colours according to UNE 21031 and HD 21.1S4:2002
- Non-flame propagating according to UNE-EN 60332, EN 60332, IEC 60332
- Non-fire propagating according to UNE-EN 50266, EN 50266
- 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 (Ω/km)	External Diameter (mm)	Weight (Kg/Km)
0,50	39,00	2,10	9
0,75	26,00	2,30	11
1	19,50	2,80	14

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