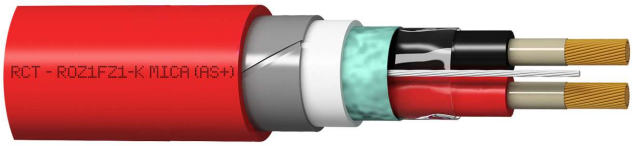
Cables Instrumentation and control

ROZ1FZ1-K mica (AS+) 300/500 V



Description

ROZ1FZ1-K mica (AS+) 300/500V DescriptionROZ1FZl-K mica (AS+) halogen-free cables are intended for use in electrical circuits applied to fire-detection, alarms, push-buttons, detectors, etc. running on a non-autonomous power supply in which a low emission of fumes and corrosive gases is required in case of fire; i.e., in public buildings, hospitals, schools, shopping centres, airports, etc. Their steel strip provides them with a high level of protection against rodents and mechanical damages.
Reference Standards: UNE 211025

Applications

- Suitable for public buildings

Technical Characteristics

1. Conductor	Flexible electrolytic copper (Class V) in compliance with UNE-EN 60228, EN 60228 and IEC|60228
2. Insulation	Mica tape
3. Insulation	DIX-3-type cross-linked polyethylene (XLPE) in compliance with UNE 21123
4. Metallic armour	Polyester tape, tin-plated copper drain-wire aluminium polyester tape
5. Metallic armour	Aluminium-polyester tape
6. Armour bedding	Thermoplastic polyolefin
7. Metallic armour	Steel strip
8. Sheath	Halogen-free thermoplastic polyolefin in compliance with UNE 21123. No fire propagation and reduced opacity and smoke emission
Nominal voltage	300/500 V
Test voltage	2.000 V A.C.
Maximum temperature	90 ºC
Other characteristics	

25 turns/metre
Primary colours red and black
Fire-resistant in compliance with UNE-EN 50200, EN 50200, UNE-EN 50362, EN 50362
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 compliance with IEC 60754-1 and 60754-2
Low emission of corrosive gases in compliance with IEC 60754-1 and 60754-2
Low emission of opaque fumes in compliance with UNE-EN 61034, EN 61034 and IEC 61034

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Dimensions

Section (mm^2)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
2x1,5	13,3	11,60	188
2x2,5	7,98	13,00	273