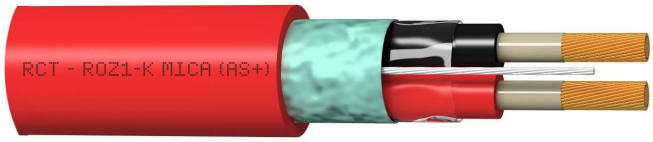
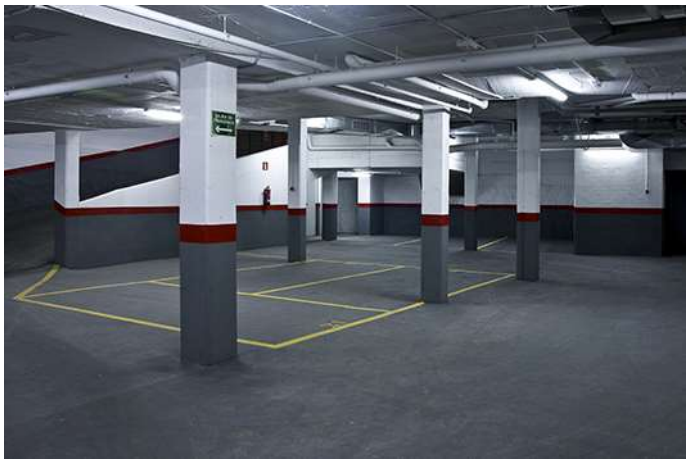
Cables Instrumentation and control

ROZ1-K mica (AS+) 300/500 V





Description

These ROZ1-K mica (AS+) halogen-free cables are indicated for use in electric circuits for fire detection, alarms, pushbuttons, detectors, etc. Furthermore, this cable guarantees compliance with the applicable legislation, satisfying the fire resistance standard UNE-EN 50200, thus maintaining the operation of the installations when subject to fire, for 90 minutes at 400ºC, as established by the REBT in its ITC 28 "public premises".Subject to fire it does not emit acid or toxic gases so it guarantees the safety of people and of the installations. such as public places, hospitals, schools, malls, airports, etc.. They are suitable for indoor and outdoor air on stands, pipes or buried.
Reference Standards: UNE 211025

Applications

Suitable for public premises.

Suitable for facilities requiring an increased fire protection and a guaranteed functioning of facilities directly subjected to fire for a period of 90 minutes at 400 ºC.

Technical Characteristics

1. Conductor	Flexible electrolytic copper (Class V) according to BS EN 60228:2005 (previously BS6360)and UNE 60228.
2. Insulation	Mica tape
3. Insulation	Cross-linked polyethylene (XLPE), type DIX-3, according to UNE 21123 and HD 603S1
4-5. Screen	Polyester tape, tinplated copper drainage wire and polyester aluminium tape.
6. Sheath	Halogen-free thermoplastic polyolefin sheath according to UNE 21123, non-fire propagating and with reduced smoke emission and opacity
Nominal voltage	300/500 V
Test voltage	2.000 V A.C.
Maximum temperature	90 ºC
Other characteristics	

Primary colours, red and black
Fire resistant according to UNE-EN 50200, EN 50200, 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 according to IEC 60754-1 and 60754-2
Low corrosive gas emission according to IEC 60754-1 and 60754-2
Low opaque smoke emission according to 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	8,55	72
2x2,5	7,98	9,00	83