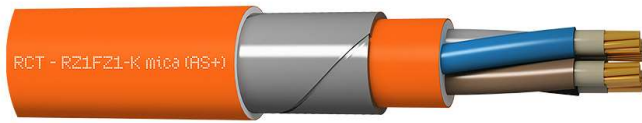


Cables 0,6/1 kV

RZ1FZ1-K mica (AS+) 0,6/1 kV



Description

RZ1FZ1-K mica cables are suitable for the transport and distribution of electrical power in fix installations, and they are designed to guarantee the service under fire conditions. They are mainly useful in non-autonomous security circuits and in circuits in service with centralised autonomous sources, which must be in service during and after the fire.

Furthermore, in case of fire, it will not emit neither acid nor toxic gases ensuring the security of persons as well as premises, while easing the evacuation and intervention of the emergency teams because emitting low opacity gases. The metallic band provides a higher protection against mechanical aggressions and rodents. Its flexibility lets them be very appropriate for complex and very difficult installations.

Reference Standards: UNE 211025

Applications

- Public premises

Appropriate for installations where greater fire protection is required and to guarantee the operation of installations subject directly to fire, for 90 minutes at 400 °C.

Technical Characteristics

1. Conductor	Flexible electrolytic copper (Class V) according to UNE-EN 60228, EN 60228 and IEC 60228
2-3. Insulation	Mica tape / cross-linked polyethylene (XLPE), type DIX-3 according to UNE 21123 and HD 603S1
4. Armour bedding	Thermoplastic polyolefin
5. Metallic armour	Steel band
6. Sheath	Halogen Free Thermoplastic polyolefin according to UNE 21123
Nominal voltage	0,6/1 kV
Maximum temperature	90 °C

Other characteristics

Colours according to UNE 21089 and HD 303S2 (colour marking when less than five conductors) and UNE-EN 50334 and EN 50334 (inscription marking when more than five conductors)

Fire resistance according to UNE-EN 50200, EN 50200, UNE-EN 50362 and 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, IEC 61034

Dimensions

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
2x1,5	13,3	12,20	235
2x2,5	7,98	13,30	285
3G1,5	13,3	12,90	267
3G2,5	7,98	13,90	319
3G4	4,95	16,00	431
3G6	3,3	17,60	537
3G10	1,91	19,50	704
3x16	1,21	22,40	963
3x25	0,78	26,25	1.357
3x35	0,554	28,40	1.690
3x50	0,386	34,10	2.404
4x4	4,95	16,80	484
4x10	1,91	22,20	901
4x16	1,21	25,90	1.260
5x1,5	13,3	14,70	342
5x2,5	7,98	15,90	415
5x10	1,91	22,70	971
7x1,5	13,3	16,00	414