



# ANTI-FIRE CABLES



## CONDUCTORS

Class 5: flexible red electrolytic copper for fixed or mobile installation.  
 Stranding: souls twisted in concentric layers.  
 Sec. 0,50 to 1,50mm<sup>2</sup> 11 spirals/m  
 Sec 2.5mm<sup>2</sup> 11 spirals/m

## INSULATION

Compound elastomeric silicone-based ceramic coated G4  
 Red and Black colour.

## SHIELDING

Aluminium / polyester with conductor - flexible tinned copper drain  
 section 0.50mm<sup>2</sup> - Coverage: 100%

## JACKET

LSZH termoplastyc material M1 quality - red colour

## ELECTRICAL CONDUCTORS RESISTANCE:

|                          |           |                |
|--------------------------|-----------|----------------|
| Sec. 0.50mm <sup>2</sup> | MAX 39.00 | OHM/KM at 20°C |
| Sec. 0.75mm <sup>2</sup> | MAX 26.00 | OHM/KM at 20°C |
| Sec. 1.00mm <sup>2</sup> | MAX 19.50 | OHM/KM at 20°C |
| Sec. 1.50mm <sup>2</sup> | MAX 13.30 | OHM/KM at 20°C |
| Sec. 2.50mm <sup>2</sup> | MAX 7.98  | OHM/KM at 20°C |

## CAPACITANCE

C.C. with SCH. to the ground Max 35 pF/mt  
 C.C. Max 85pF/mt  
 C./SCH Max 150pF/mt

## INDUCTANCE

Max 600μH/Km

## IMPEDENCE

60 Ohm+/- 10

## INSULATION RESISTANCE min. at 20°C

MOhm/Km ≥ 200

## WORKING TEMPERATURE

-40 >/ +90°C

## BENDING RADIUS

10 XD

## NOMINAL TENSION U<sub>0</sub>/U

C-4 (U<sub>0</sub>= 400V)

## TEST VOLTAGE

Conductors: 4000 V  
 Jacket: 5000 V

## STANDARD REFERENCE

CEI EN 60228 | CEI 20-29 | CEI 20-11 | IEC 60332-3-25 | CEI 20-22-3-5 | CEI 20-38 | CEI 20-37 |  
 CEI EN50200 | CEI 20-36/4-0 | CEI 20-105: UNI9795 | EN60332-1-2 | CEI UNEL36762 | CEI 20-52

