



Construction

Conductor	Flexible bare copper wires Class V Acc. to UNE-EN 60228
Insulation	Silicone (Typo EI2) Identification: See table attached
Assembly	Insulated conductors laid up in concentric layers
Screen	Aluminium/Polyester tape + tinned copper drain wire Coverage: 100%
Outer sheath	Halogen free compound (Type TM7) Colour: Red

Technical characteristics

Operating voltage	300/500V
Test Voltage	2000V
Operating T^a (conductor)	Fixed installation: -15°C a +90°C During installation: 0°C Mínimo
Min. bending radius	10xD

Application

Flexible shielded cable for fixed fire safety installations, when a good fire performance is required and it is necessary to ensure the integrity of the circuit during the fire.

Suitable for installation in premises according to RSCIEI 2267/2004 (Regulation of fire safety in industrial establishments)

* CPR:

Cable suitable to be installed under the requirements of the CPR (Construction Product Regulation (EU) N ° 305/2011) in accordance with the classification (Euroclass) specified in this document

Standards/Properties

Ref. standard for drawing	UNE 211025
CPR Classification (Euroclass)	Cca-s1b,d1,a1 (According to UNE-EN 50575)
Fire resistant	· CR1-C1 (NF C-32070) · 180 min a 750°C (IEC 60331-2) · 90 min a 840°C with impacts (IEC 60331, EN 50200, EN 50362) · 2 h a 400°C, Class F400 (EN 12101-3)
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)
Fire Retardant	EN 50399
Halogen free	UNE-EN 60754-1 (IEC 60754-1)
Low corrosivity	UNE-EN 60754-2 (IEC 60754-2) (pH >= 4,3 ; conductivity <= 10µS/mm)
Low smoke emission	UNE-EN 61034 (IEC 61034) (Transmittance > 60%)



Constructive data

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)
44605403	2x1	6.7	60	19.5
44605503	2x1.5	7.7	75	13.3
44605513	2x1.5 R100	7.7	75	13.3
44605703	2x2.5	8.9	105	7.98
44605803	2x4	10.3	145	4.95
44608303	3x1	7.1	75	19.5
44608403	3x1.5	8.2	95	13.3
44608603	3x2.5	9.5	140	7.98
44608803	3x4	11.0	195	4.95
44613203	4x1	7.8	90	19.5
44613303	4x1.5	9.0	120	13.3
44613503	4x2.5	10.3	175	7.98

Legend

Code	Cervi codification
NxS (mm2)	Number of conductors x Section (mm2)
Ø (mm)	Aprox. outer diameter (mm)
Weight (kg/km)	Approximate cable weight (kg/km)
R at 20°C (Ohm/Km)	Conductor resistance at 20°C (Ohm/km)

Colour Table

N° Conductors	Insulation colour
2x	Red, Black (or Blue, Brown)
3x	Brown, Black, Grey
3G	Blue, Brown, Yellow/Green
4x	Blue, Brown, Black, Grey
4G	Brown, Black, Grey, Yellow/Green