Caledonian

Industrial Cables (Italian Standard)

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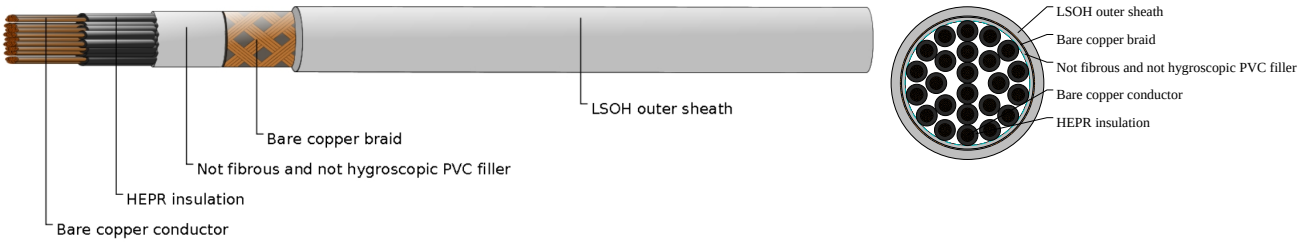
FG7OH1M1/FG7OH2M1 24C2.5



APPLICATIONS

These cables are suitable for environments with high fire hazards risk, where it's essential to guarantee the safety of people and preserve systems and equipments from the corrosive gases (e.g. schools, hospitals, public premises, hotels, supermarkets, tubes, cinemas, theatres, discotheques, public offices). For fixed installation, both indoor and outdoor, on walls and metallic frames.

STANDARDS

CEI 20-13, CEI 20-22 II
CEI 20-35 (EN60332-1)
CEI 20-37 pt.2 (EN50267)

VOLTAGE RATING

600/1000 V

CABLE CONSTRUCTION

- Flexible bare copper conductor to CEI 20-29 cl.5
- Rubber HEPR, G7 quality,acc. to CEI 20-11
- Not fibrous and not hygroscopic filler
- Bare copper tape screen(for FG7OH1M1)
- Bare copper wire braid(for FG7OH2M1)
- Grey LSOH,type M1 outer jacket

COLOUR CODE

Insulation Colour Code
Color coded to VDE 0293-308
- black numbered

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 4000 V
- Minimum bending radius: 8 x Ø
- Flexing temperature: -0º C to +90º C
- Static temperature: -25º C to +90º C
- Maximum short circuit temperature: +250º C
- Flame retardant: CEI 20-22 III - IEC 60332-3-24

- Insulation resistance: 10 MΩ x km

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No.×mm²		mm	mm	mm	kg/km
24x2.5	14(50/30)	0.7	1.8	38.3	1281