



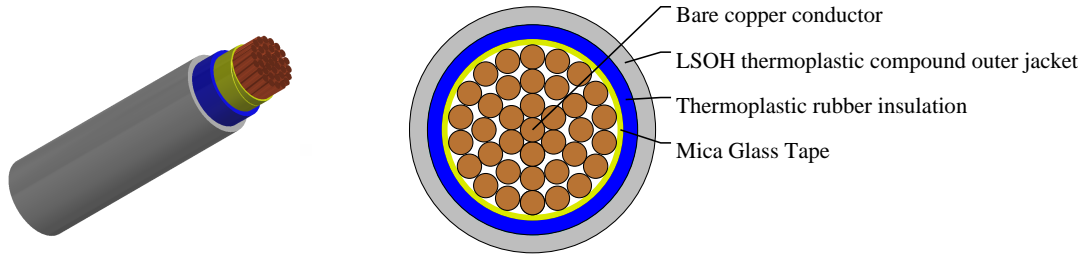
# Caledonian

Industrial Cables (Italian Standard)

[www.caledonian-cables.com](http://www.caledonian-cables.com)

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## FTG10 (O)M1 1C120



## APPLICATIONS

These cables are for all those safety systems which, of necessity, must continue to operate even when a fire is in progress. In particular, suitable for smoke detection systems, fire-extinguishing systems, power supply to escalator and automatic doors, power supply to emergency lighting, alarm systems, ventilation plants, etc. Indoor and outdoor fixed laying on wall and racks.

## STANDARDS

EN 50200, CEI 20-11, CEI 20-22 III

CEI 20-29, CEI 20-35, CEI 20-36

CEI 20-37, CEI 20-45, UNEL 00722

## VOLTAGE RATING

600/1000 V

## CABLE CONSTRUCTION

- Flexible bare copper conductor to CEI 20-29 cl.5
- Glass/mica tape
- G10 quality thermoplastic rubber insulation to CEI 20-11
- Type M1 thermoplastic LSOH compound outer jacket

## COLOUR CODE

Insulation Colour Code

Color coded to VDE 0293-308

Single core - Black, Blue, Green/Yellow, Red, Yellow, White, Violet, Brown, Grey, Orange, Pink

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 4000 V
- Minimum bending radius: 14 x Ø
- Flexing temperature: -5° C to +90° C
- Static temperature: -25° C to +90° C
- Maximum short circuit temperature: +250° C
- Flame retardant: CEI 20-22 III - IEC 60332-3-24
- Fire resistant: CEI 20-36 - IEC60331



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- 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. × mm <sup>2</sup>		mm	mm	mm	kg/km
1x120	4/0(614/24)	1.6	2	21.4	1350