



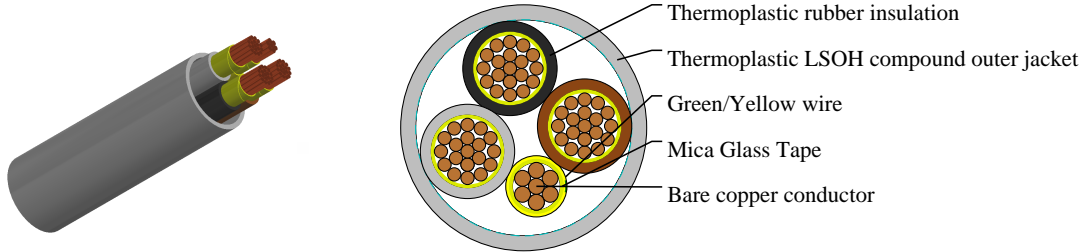
Caledonian

Industrial Cables (Italian Standard)

www.caledonian-cables.com

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FTG10 (O)M1 3C50-E



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

3C + E - Green-Yellow + Brown + Black + Grey

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 ²		mm	mm	mm	kg/km
3x50+25	1(400/26)	1.4	2	33.7	2440