



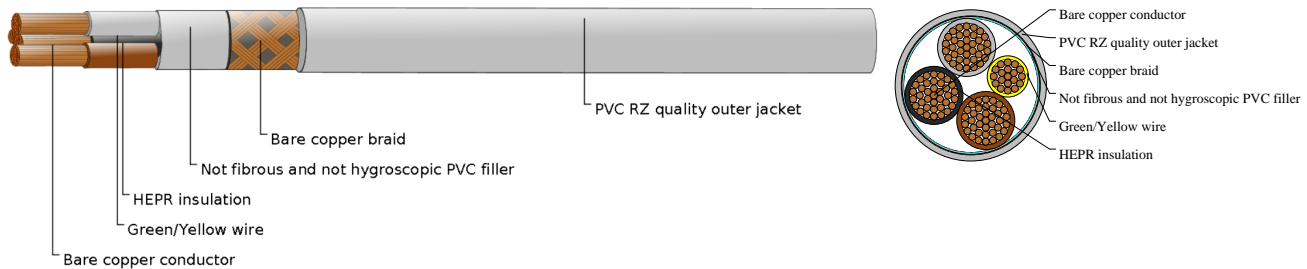
Caledonian

Industrial Cables (Italian Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

FG7OH1R/FG7OH2R 3C185-E



APPLICATIONS

These cables are suitable for power transport in industry, yards, residential building and handcraft. For installations on masonry and metal structures, on gangways, pipes, ducts and similar systems. For fixed installation indoors and out. Underground laying is acceptable, even if not protected. Shield guarantees an optimal protection from electromagnetic disturbs; suitable for civil and industrial places and for the transport of signals and commands.

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 FG7OH1R)
- Bare copper wire braid (for FG7OH2R)
- Grey PVC RZ quality 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: 8 x Ø
- Flexing temperature: -0° C to +90° C
- Static temperature: -25° C to +90° C



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- Maximum short circuit temperature: +250° C
- Flame retardant: CEI 20-22 II
- 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 |
| 3x185+95 | -- | 1.6 | 2.6 | 62.8 | 9066 |