



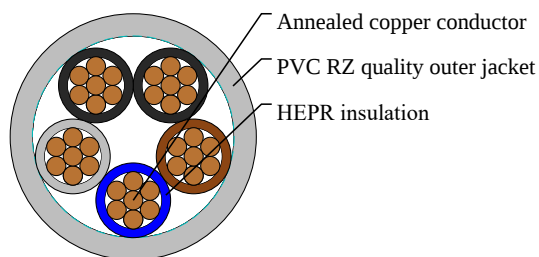
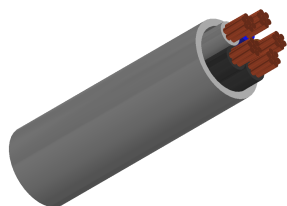
# Caledonian

Industrial Cables (Italian Standard)

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

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## FG7OR 5C16



## APPLICATIONS

These cables are suitable for power transport in industry, yards, residential building and handicraft. For installations on masonry and metal structures, on gangways, pipes, ducts and similar systems. For fixed installation indoors and outdoors. Underground laying is acceptable, even if not protected.

## 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 conductor of annealed copper Cl.5
- Rubber HEPR, G7 quality, acc. to CEI 20-11
- Not fibrous and not hygroscopic filler
- Grey PVC RZ quality outer jacket

## COLOUR CODE

Insulation Colour Code

Color coded to VDE 0293-308

5 cores - Blue + Brown + Black + Grey + Black

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 4000 V
- Minimum bending radius:  $4 \times \varnothing$
- Flexing temperature:  $-0^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$
- Static temperature:  $-25^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$
- Maximum short circuit temperature:  $+250^{\circ}\text{C}$
- Flame retardant: CEI 20-22 II
- Insulation resistance:  $10\text{ M}\Omega \times \text{km}$

## DIMENSION AND PARAMETERS



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| No. of Cores<br>× Cross-<br>sectional Area | AWG Size  | Nominal<br>Insulation<br>Thickness | Nominal Sheath<br>Thickness | Approx. Overall<br>Diameter | Approx. Weight |
|--------------------------------------------|-----------|------------------------------------|-----------------------------|-----------------------------|----------------|
| No.×mm <sup>2</sup>                        |           | mm                                 | mm                          | mm                          | kg/km          |
| 5x16                                       | 6(128/26) | 0.7                                | 1.8                         | 21.9                        | 1070           |