



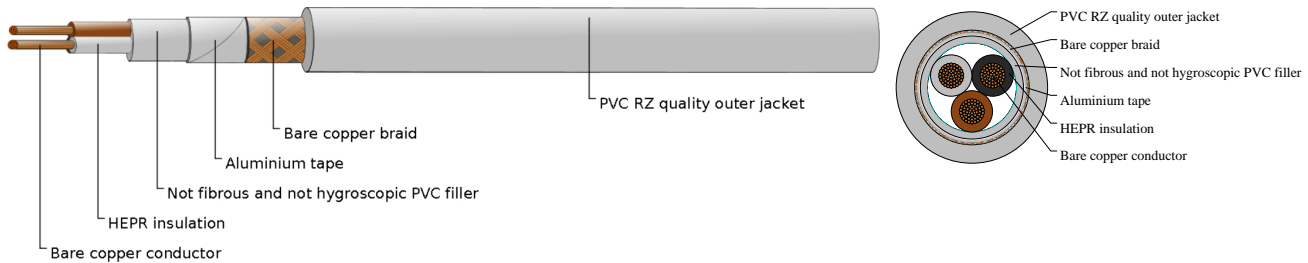
Caledonian

Industrial Cables (Italian Standard)

www.caledonian-cables.com

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FG7OHH2R 3C2.5



APPLICATIONS

These cables are especially suitable for photovoltaic installations in the link connection between inverter and counter. For energy transport and signals transmission both in internal and external application and wet environments. Ideal for fixed lay on walling and metallic frames. Also appropriate for direct or indirect grounded lay.

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
- Aluminium tape
- Bare copper wire braid
- Grey PVC RZ quality outer jacket

COLOUR CODE

Insulation Colour Code

Color coded to VDE 0293-308

3 cores - 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
- Maximum short circuit temperature: +250° C



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- 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
3x2.5	14(50/30)	0.7	1.8	14.1	316