



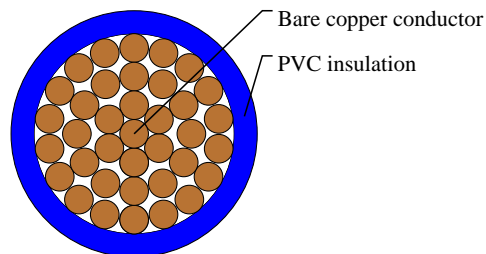
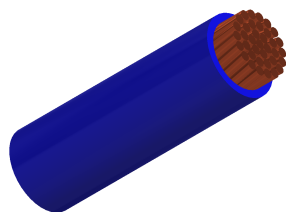
Caledonian

Industrial Cables (Italian Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

H07V-R



APPLICATIONS

These cables are preferably for installation indoors, in cable ducts and in industrial plants or switching stations, under ground installation. Can be used in switchboards and distributor boards or where a thicker strand of multi-wire is required. Found in electronic and electrical equipment and switchgear cabinets designed for export to a European country and for MRO replacement of European made equipment wire.

STANDARDS

CEI 20-20/3

CEI 20-35 (EN60332-1)

CEI 20-52

VOLTAGE RATING

450/750V

CABLE CONSTRUCTION

- Bare copper solid/strands conductor
- Strands to VDE-0295 Class-2, IEC 60228 Cl-2
- Special PVC TI1 core insulation
- Cores to VDE-0293 colors on chart

COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293

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

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2500 volts
- Flexing bending radius: $15 \times \varnothing$
- Static bending radius: $15 \times \varnothing$
- Flexing temperature: -5°C to $+70^{\circ}\text{C}$
- Static temperature: -30°C to $+80^{\circ}\text{C}$
- Short circuit temperature: $+160^{\circ}\text{C}$
- Flame retardant: IEC 60332.1



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- Insulation resistance: 10 MΩ x km

DIMENSION AND PARAMETERS

| No. of Cores × Cross- sectional Area | AWG Size | Nominal Insulation Thickness | Approx. Overall Diameter | Nominal Copper Weight | Approx. Weight |
|--|----------|------------------------------------|-----------------------------|--------------------------|----------------|
| No. × mm ² | | mm | mm | kg/km | kg/km |
| 1 x 150 | 300MCM | 1.8 | 18.1 | 1430 | 1440 |