



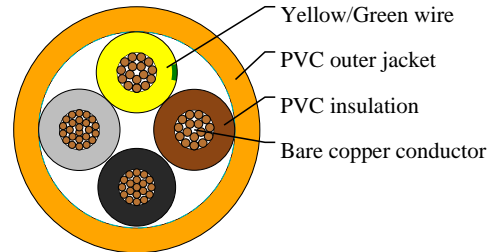
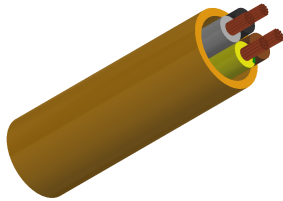
Caledonian

Industrial Cables (Harmonized Code)

www.caledonian-cables.com

marketing@caledonian-cables.com

H03V2V2-F



APPLICATIONS

These cables are suitable for domestic premises, kitchen, office for light service or light portable apparatuses. With their special insulation and sheath compounds these cables are adapted for apparatus in kitchen and heating and for use in zones with high temperatures (like lighting system apparatuses) without contact with warm parts and radiations. Unsuitable for outdoor use, in industrial and agricultural buildings or non-domestic portable tools. The maximum conductor temperature in normal use: 90°C. While high temperature use, skin contact must be avoided.

STANDARDS

CEI 20-20/12

CEI 20-35 (EN60332-1) / CEI 20-37 (EN50267)

EN50265-2-1

VOLTAGE RATING

300V

CABLE CONSTRUCTION

- Bare copper fine wire conductor
- Stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5, IEC 60228 cl. 5 and HD 383
- PVC core insulation T13 to VDE-0281 Part 1
- Color coded to VDE-0293-308
- PVC outer jacket TM3

COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293-308

4 cores (G) - Green-Yellow + Brown + Black + Grey

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 3000 volts
- Flexing bending radius: 15 x Ø
- Static bending radius: 4 x Ø
- Flexing temperature: +5° C to +90° C



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- Static temperature: -40° C to +90° C
- Short circuit temperature: +160° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

DIMENSION AND PARAMETERS

| No. of Cores × Cross- sectional Area | AWG Size | Nominal Insulation Thickness | Nominal Sheath Thickness | Approx. Overall Diameter | Nominal Copper Weight | Approx. Weight |
|--|-----------|------------------------------------|--------------------------------|--------------------------------|--------------------------|-------------------|
| No. × mm ² | | mm | mm | mm | kg/km | kg/km |
| 4x0.50 | 20(16/32) | 0.5 | 0.6 | 5.8 | 19.2 | 55 |