



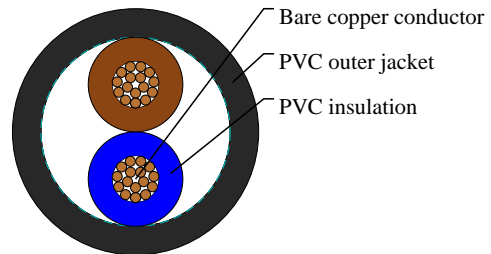
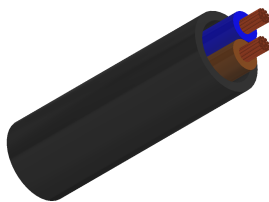
# Caledonian

Industrial Cables (Harmonized code)

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

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

H03VV-F



## APPLICATIONS

These cable types are especially suited for use on small appliances with low mechanical stress and for connection for light household appliances, e.g. kitchen utensils, desk lamps, floor lamps, vacuum cleaners, office machines, radios, etc. As far as these cables are admitted to the relevant specifications of the equipment, They are not permitted for use with cooking or heating apparatus. Cables with cross section 0.75 mm<sup>2</sup> are not suitable for outdoor use or use of industrial or farmer machineries. Max operating voltage in single or three phase system is U<sub>o</sub>/U 330/330 volts. In a direct current system max operating voltage is U<sub>o</sub>/U 495/495 volts.

## STANDARDS

<HAR>BS6500

CENELEC HD21.5

VDE 0281

CEI 20-20/5

CEI 20-35 (EN60332-1),

CEI 20-52

CE low voltage directive 73/23/EEC & 93/68/EEC

ROHS compliant

## 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 T12 to VDE-0281 Part 1
- Color coded to VDE-0293-308
- Green-yellow grounding (3 conductors and above)
- PVC outer jacket TM2

## COLOUR CODE

Insulation Colour Code:

Colour coded to VDE 0293-308/HD308/NF C 32-081



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2 cores - Brown + Blue

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Flexing bending radius:  $7.5 \times \varnothing$
- Static bending radius:  $4 \times \varnothing$
- Flexing temperature:  $-5^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Static temperature:  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Short circuit temperature:  $+160^{\circ}\text{C}$
- Flame retardant: IEC 60332.1
- Insulation resistance:  $20\text{ M}\Omega \times \text{km}$

## 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 <sup>2</sup>		mm	mm	mm	kg/km	kg/km
2x0.50	20(16/32)	0.5	0.6	5	9.6	38