



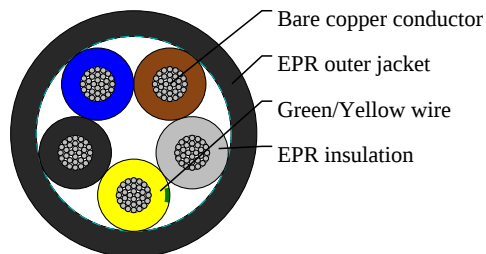
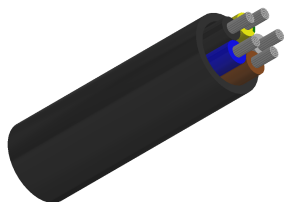
# Caledonian

Industrial Cables (Italian Standard)

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

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

H05BB-F



## APPLICATIONS

These rubbers insulated and sheathed electric cables, with a parallel EPDM tube, joined with a textile braid, are used especially for electric steam generator irons (named usually “vaporellas”). The cables are suitable for the stripping force on automatic machines and for low temperature environments.

## STANDARDS

CEI 20-19/12

NF C 32-102-4

HD 22.12

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

- Bare/Tinned copper strand conductor
- acc. to DIN VDE 0295 class 5. IEC 60228 class 5
- Insulation: EPR rubber type E17
- Color coded to VDE 0293-308(3 conductors and above with yellow/green wire)
- Sheath: EPR rubber type EM6
- Sheath color: normally black

## COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293-308

5 cores (G) - Green-Yellow + Blue + Brown + Black + Grey

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000V
- Flexing bending radius:  $4 \times \varnothing$
- Static bending radius:  $3 \times \varnothing$
- Operating temperature:  $-40^{\circ}\text{C}$  -  $+60^{\circ}\text{C}$
- Short circuit temperature:  $250^{\circ}\text{C}$
- Flame retardant: VDE 0482-332-1-2/IEC 60332-1



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## DIMENSION AND PARAMETERS

| 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          |
| 5x1.5                                      | 16(30/30) | 0.8                                | 1.1                         | 10.7                        | 170            |