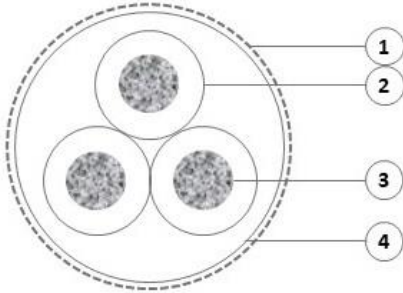


## Braided Round H05VV-F Power Cable Product Range: *BRO*

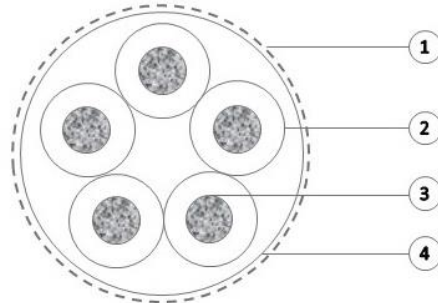
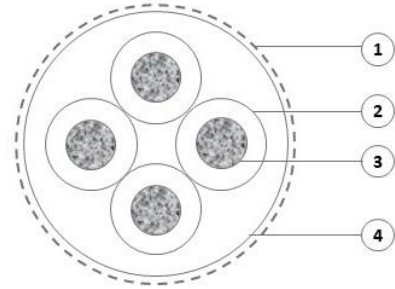


### SCHEMATIC DRAWINGS

*Left: 3 core construction*

*Right: 4 core construction*

*Below: 5 core construction*



### CABLE CONSTRUCTION

1. Viscose Rayon braid
2. T12 type PVC insulation
3. Class 5 flexible copper conductor
4. TM2 type PVC jacket

### APPLICATIONS

This product is designed for use as a pendant or a flexible cord for table or floor lamps, or similar light, portable apparatus, where there is a low risk of damage or mechanical abuse.



### Characteristics

|                                          |                           |
|------------------------------------------|---------------------------|
| <b>Voltage Rating (U<sub>0</sub>/U):</b> | 300 / 500 V <sub>ac</sub> |
| <b>Temperature Range:</b>                | -5 °C to +60 °C           |
| <b>Minimum Bending Radius:</b>           | 8 x Overall Diameter      |

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| Size Conductor [mm <sup>2</sup> ] | Conductor Stranding [N° x mm] | Electrical Resistance [Ω/Km] | Radial Thickness of Insulation [mm] |
|-----------------------------------|-------------------------------|------------------------------|-------------------------------------|
| 0.75                              | 24 x 0.21                     | ≤ 26.0                       | ≥ 0.50                              |
| 1.00                              | 32 x 0.21                     | ≤ 19.5                       | 0.50                                |
| 1.50                              | 29 x 0.26                     | ≤ 13.3                       | 0.50                                |

| Flexform Product Code | Size Conductor [mm <sup>2</sup> ] | Outer Diameter [mm] | Thickness of Jacket [mm] |
|-----------------------|-----------------------------------|---------------------|--------------------------|
| BRO-034               | 3 x 1.00                          | 7.0 ± 0.5           | ≥ 0.60                   |
| BRO-035               | 3 x 1.50                          | 7.4 ± 0.5           | ≥ 0.70                   |
| BRO-043               | 4 x 0.75                          | 7.1 ± 0.5           | ≥ 0.60                   |
| BRO-044               | 4 x 1.00                          | 7.8 ± 0.5           | ≥ 0.60                   |
| BRO-055               | 5 x 1.50                          | 10.1 ± 0.5          | ≥ 0.70                   |

All versions of this cable can be ordered with a plain or patterned viscose rayon textile braid, available in over 60 colours. Please contact us for a list of available colours.

#### Cable Standards

EN 50525-2-11.  
Low Voltage European Directive No. 2014/35/UE.

#### Stranding of Conductor

Class 5 flexible copper conductor conforming to BS/IEC 60228 standard.

#### Insulation

TI2 type PVC compound complying with EN 50363-3 standard.

#### Cable Assembly

The cores are twisted together.

#### Core Identification

In compliance with requirements of HD 308 S2 Standard.

**3 Core:** Brown ● Blue ● Green/Yellow ●

**4 Core:** Brown ● Black ● Green/Yellow ● Grey ●

**5 Core:** Brown ● Black ● Green/Yellow ● Grey ● Blue ●

#### Outer Sheath

TM2 type PVC compound

#### Colour of Sheath

Black ● or White ○

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