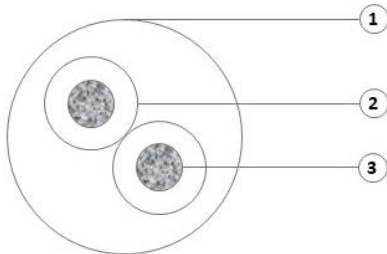


## H03VV-F Multi-Conductor PVC Power Cable Product Range: *PVC*

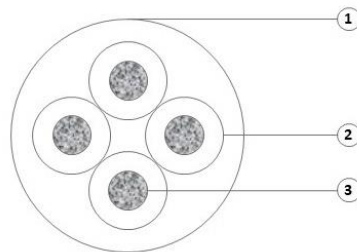
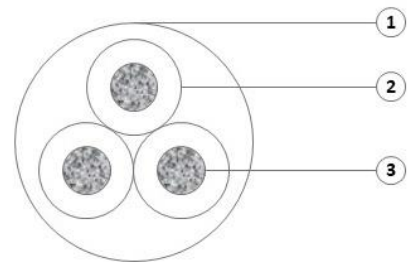


### SCHEMATIC DRAWINGS

*Left: 2 core construction*

*Right: 3 core construction*

*Below: 4 core construction*



### CABLE CONSTRUCTION

1. T12 type PVC insulation
2. TM2 type PVC jacket
3. Electrolytic flexible bare copper conductor

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 / 300 V <sub>ac</sub> |
| <b>Test Voltage:</b>                     | 2000 V                    |
| <b>Temperature Range:</b>                | -20 °C to 70 °C           |
| <b>Short-circuit Temperature:</b>        | 160 °C                    |
| <b>Minimum Bending Radius:</b>           | 10 x Overall Diameter     |

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| Size Conductor [mm <sup>2</sup> ] | Conductor Stranding [N° x mm] | Electrical Resistance [Ω/Km] | Diameter on Insulation [mm] | Radial Thickness of Insulation [mm] |
|-----------------------------------|-------------------------------|------------------------------|-----------------------------|-------------------------------------|
| 0.50                              | 16 x 0.193                    | ≤ 39.0                       | 1.88 ± 0.1                  | ≥ 0.50                              |
| 0.75                              | 24 x 0.193                    | ≤ 26.0                       | 2.08 ± 0.1                  | ≥ 0.50                              |

| Flexform Product Code | Size Conductor [mm <sup>2</sup> ] | Outer Diameter [mm] | Thickness of Jacket [mm] |
|-----------------------|-----------------------------------|---------------------|--------------------------|
| PVC-322               | 2 x 0.50                          | 4.9 ± 0.2           | ≥ 0.6                    |
| PVC-332               | 3 x 0.50                          | 5.1 ± 0.2           | ≥ 0.6                    |
| PVC-323               | 2 x 0.75                          | 5.3 ± 0.2           | ≥ 0.6                    |
| PVC-333               | 3 x 0.75                          | 5.6 ± 0.2           | ≥ 0.6                    |
| PVC-343               | 4 x 0.75                          | 6.3 ± 0.2           | ≥ 0.6                    |

#### Cable Standards

EN 50525-2-11.  
Low Voltage European Directive No. 2014/35/UE.  
IMQ-HAR approval No. A0643.

#### Stranding of Conductor

Class 5 flexible electrolytic bare 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.

**2 Core:** Brown ● and Blue ●

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

**4 Core:** Brown ● Blue ● Black ● and Green/Yellow ●

#### Outer Sheath

TM2 type PVC compound

#### Colour of Sheath

Black ● or White ○

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