

Farnell InOne 721633 721645 721669 721670

(A2) Table 26 — Light duty PVC insulated and sheathed flexible cord, parallel twin, circular twin, 3-core, and 4-core, 300/300 V

Harmonized code designation: Parallel cords: H03VVH2-F

Circular cords: H03VV-F

Construction:

Conductors — class 5 copper, flexible.

Insulation — compound type TI 2.

Sheath — compound type TM 2.

For circular cords, the cores and fillers, if any, shall be twisted together to give a practically circular cross-section.

A centre filler may be used.

For twin circular cords, the spaces between the cores shall be filled either by separate fillers or by the sheath filling the interstices.

For flat cords, the two cores shall be laid parallel.

A separator may be applied over the laid up cores.

The sheath may fill the outer interstices thus forming a filling but it shall not adhere to the cores.

Core identification and sequence:

Twin — blue and brown.

3-core — green-and-yellow, blue and brown.

4-core — green-and-yellow, brown, black, grey; or

— green-and-yellow, blue, brown, black^a.

Colour of sheath — Not specified.

Number and nominal cross-sectional area of conductors mm ²	Radial thickness of insulation mm	Radial thickness of sheath mm	Mean overall diameter		Maximum insulation resistance at 70 °C MΩ·km
			Lower limit mm	Upper limit mm	
2 × 0.5	0.5	0.6	4.6	5.9	0.011
2 × 0.5	0.5	0.6	3.0 × 4.9	3.7 × 5.9	0.011
2 × 0.75 <i>CBR 0061</i>	0.5	0.6	4.9	6.3	0.010
2 × 0.75	0.5	0.6	3.2 × 5.2	3.8 × 6.3	0.010
3 × 0.5	0.5	0.6	4.9	6.3	0.011
3 × 0.75	0.5	0.6	5.2	6.7	0.010
4 × 0.5	0.5	0.6	5.4	6.9	0.011
4 × 0.75	0.5	0.6	5.7	7.3	0.010

^a HD 308 allows for two alternative core identification methods for 4 core cables with a green-and-yellow core