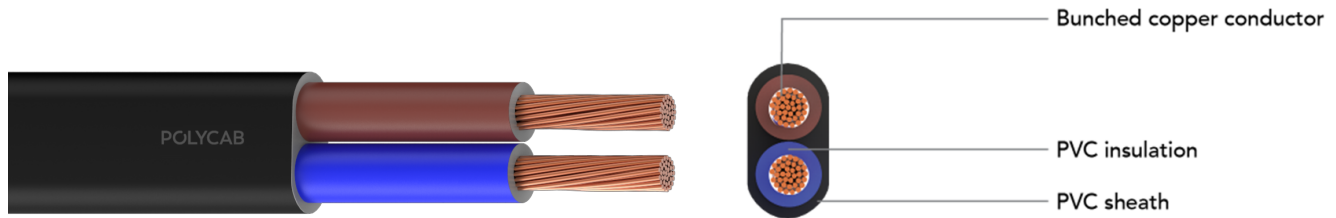


POLYCAB H03VVH2-F BS EN 50525-2-11 MC

Lighting Appliances Cable, 300/300 V AC



Images not to scale. Follow table for dimensions

APPLICATION

POLYCAB H03VVH2-F multicore flexible flat cable insulated and sheathed with thermoplastic compound. This cable fulfils the requirement as per EN 50525-2-11, cables intended to use for connection of domestic appliances to the fixed supply

CHARACTERISTICS

Voltage Rating
300/300 V

Operation Temperature
Fixed: -15°C to 70° C

CONSTRUCTION

- Annealed stranded copper conductor as per IEC 60228, class 5
- Insulated with polyvinyl chloride Type TI 2 to EN 50363-3.
- Sheathed with polyvinyl chloride Type TM 2 to EN 50363-4-1

Core Identification

Two core Blue, Brown

Bending Radius

Fixed installation – 8 x Overall diameter

Test Voltage

2000V AC at (20±5) °C

OUTSTANDING FEATURES

- Highly Flexible
- Good Insulation Resistance
- Halogen Free
- Low Smoke

STANDARD FOLLOWS

IEC 60228
BS EN 50363-3
BS EN 50363-4-1
BS EN 50525-2-11

COMPLIANCE

Conductor Resistance test - IEC 60228
Insulation Resistance test - EN 50525-2-11
Test under fire condition - EN 60332-1-2

OUR ACCREDITATIONS



APPROVAL



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Weight & Dimension Data

Dimension table of H03VVH2-F

Product Code	Nominal cross sectional area mm ²	Stranding mm	Overall Dimension (Approx.) mm	Weight (Approx.) kg/km
LDBS05CYUAYA002C.75S	2 x 0.75	24/0.2	3.3 x 5.4	29
LDBS05CYUAYA002C001S	2 x 1	32/0.2	3.5 x 5.8	35

Electrical Characteristics

Current carrying capacity and max. DC conductor resistances.

Nominal cross sectional area mm ²	Current-carrying capacity		Max. DC conductor resistance at 20°C Ω/km
	Single-phase a.c. Amp	Three-phase a.c. Amp	
0.75	6	6	26
1	10	10	19.5

The above table is in accordance with Table 4F3A of BS 7671:2018

De-Rating Factor

De-rating factor for thermoplastic insulated cable.

Air Temperature	35°C	40°C	45°C	50°C	55°C
De-Rating Factor	0.91	0.82	0.71	0.58	0.41