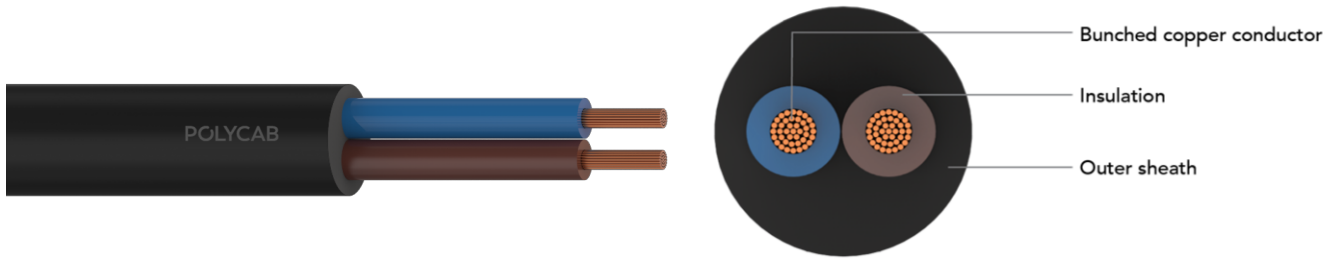


POLYCAB H03VV-F BS EN 50525-2-11 MC

Lighting & Appliances, 300/300 V AC

POLYCAB
IDEAS. CONNECTED.



Images not to scale. Follow table for dimensions

APPLICATION

POLYCAB H03VV-F PVC insulated and sheathed multicore flexible fulfils the requirement as per EN 50525-2-11. This cable is 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

Three core Green-Yellow, Blue, Brown

Four core Green-Yellow, Brown, Black, Grey

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
IEC 60332-1-2

COMPLIANCE

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

OUR ACCREDITATIONS



APPROVAL



POLYCAB H03VV-F BS EN 50525-2-11 MC

Lighting & Appliances, 300/300 V AC

Weight & Dimension Data

Product Code	Nominal cross sectional area mm ²	Stranding mm	Overall Diameter (Approx.) mm	Weight (Approx.) kg/km	POLYCAB/DOWEL Gland Size
LDBS05CYUAYA002C0.5S	2 x 0.5	16/0.2	5.02	39	DBW-01SS(UN)
LDBS05CYUAYA002C.75S	2 x 0.75	24/0.2	5.43	48	DBW-01SS(UN)
LDBS05CYUAYA003C0.5S	3 x 0.5	16/0.2	5.33	46	DBW-01SS(UN)
LDBS05CYUAYA003C.75S	3 x 0.75	24/0.2	5.77	57	DBW-01SS(UN)
LDBS05CYUAYA004C0.5S	4 x 0.5	16/0.2	6.32	70	DBW-01SS(UN)
LDBS05CYUAYA004C.75S	4 x 0.75	24/0.2	5.83	56	DBW-01SS(UN)
LDBS05CYUAYA005C0.5S	5 x 0.5	16/0.2	7.50	74	DBW-01SS(UN)
LDBS05CYUAYA005C.75S	5 x 0.75	24/0.2	8.06	91	DBW-01SS(UN)

• DBW - Weather proof series

Electrical Characteristics

Current carrying capacity and max. DC conductor resistance.

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	
0.5	3	3	39
0.75	6	6	26

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