



Images not to scale. Follow table for dimensions

## APPLICATION

POLY CAB H05VVH2-F two core Flexible cable insulated and sheathed with thermoplastic compound. This cable fulfils the requirement as per EN 50525-2-11, cable is intended to use for connection of domestic appliances to the fixed supply.

## CHARACTERISTICS

### Voltage Rating

300/500 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 - 6 x Overall diameter

Occasional installation - 4 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



**Weight & Dimension Data**

Product Code	Nominal cross sectional area mm <sup>2</sup>	Stranding mm	Number of Core	Overall Dimension (Approx.) mm	Weight (Approx.) kg/km
LDBS04CYUAYA002C.75S	0.75	24/0.2	2	3.92 x 6.23	48
LDBS04CYUAYA002C001S	1	32/0.2	2	4.09 x 6.58	55
LDBS04CYUAYA002C1.5S	1.5	30/0.25	2	4.56 x 7.52	72

**Electrical Characteristics**

**Current carrying capacity and max. DC conductor resistance.**

Nominal cross sectional area mm <sup>2</sup>	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
1.5	16	16	13.3

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