

# PVC INSULATED & SHEATHED MULTICORE FLEXIBLE CABLE

## BS 6500 / H05VV-F



### CONDUCTOR

Plain annealed copper flexible stranded, class 5  
Circular conductor to BS EN 60228, IEC 60228

### TEMPERATURE RATING

-15°C to 70°C

### INSULATION

PVC insulation complying with BS 50363-3,  
HD 21.1 requirements of type TI2

### OUTER SHEATH

PVC insulation complying with BS EN 50363-4-1,  
HD 21.1 requirements of type TM2

### APPLICATION

Suitable for indoor general wiring cable primarily for installations in public areas.  
Suitable on pendant lighting drops and as a general supply lead.

### SHEATH COLOR

Normally WHITE, but other colours available on request

### STANDARDS

BS 6500, VDE 0281-5, IEC 60227-5 SANS 1574

### HARMONISED CODE DESIGNATION

H03VVH2-F  
H05VVH2-F  
H03VV-F  
H05VV-F

### MINIMUM BENDING RADIUS

6 X Cable Diameter

Table 1: Dimensions

Specification No. of Cores x Cross sectional area (mm)	Max Strand Diameter (mm)	Radial Thickness of Insulation (mm)	Radial Thickness of Sheath (mm)	Mean Overall Dimension W x H (mm)	Approx Cable Weight (Kg/Km)
<b>H03VVH2-F</b>					
2 x 0.5	0.21	0.6	0.6	5.1 x 3.2	33
2 x 0.75	0.21	0.6	0.6	5.5 x 3.4	41
<b>H05VVH2-F</b>					
2 x 0.75	0.21	0.6	0.8	6.3 x 4.0	48
2 x 1	0.21	0.6	0.8	6.6 x 4.1	55

**Note :** H03VVH2-F offered with VDE & DEMKO mark. H05VVH2-F offered with BASEC and VDE mark

Table 2: Dimensions

Specification No. of Cores x Cross sectional area (mm)	Max Strand Diameter (mm)	Radial Thickness of Insulation (mm)	Radial Thickness of Sheath (mm)	Mean Overall Dimension (mm)	Approx Cable Weight (Kg/Km)
<b>H03VV-F</b>					
2 x 0.5	0.21	0.6	0.6	5.3	40
3G 0.5	0.21	0.6	0.6	5.6	47
4G 0.5	0.21	0.6	0.6	6.1	58
2 x 0.75	0.21	0.6	0.6	5.7	49
3G 0.75	0.21	0.6	0.6	6.0	58
4G 0.75	0.21	0.6	0.6	6.6	73

**Note:** The product conforms to the requirement of BS 6500 and VDE 0281-5