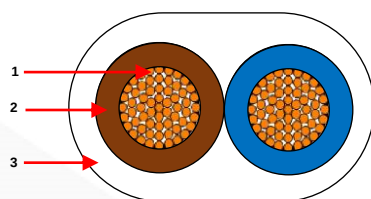


APPLICATION:

-Cables used for low power domestic appliance installation in domestic premises, (household, including wet premises). Flexible stranded conductor copper wires and insulated in parallel cores with PVC-sheathed, for easy installation.

CONSTRUCTION DETAILS

Reference Standard	IEC 60277-5, BS EN 50525-2-11, BS EN 50363-3, BS EN 50363-4-1, BS EN 50525-1	
Rated voltage	300 / 500V (Size range: 0.75 mm ² to 4 mm ²), 300 / 300V (Size range: 0.5 mm ² to 0.75 mm ²),	
Conductor Material	Plain annealed Copper conductor, Flexible Class (5) of BS EN 60228.	
Conductor Insulation	Extruded Poly vinyl Chloride (PVC 70°C) compound.	
Insulation color	No. of cores	Core Identification
	2 Cores	Brown, Blue
Assembly	Insulated conductors are laid in flat formation.	
Outer Sheathing	Extruded Poly vinyl Chloride (PVC 70°C) compound. (White or Black color or as request)	
Marking (Printing)	Table 1	
Cable drawing	Figure 1	



1. PLAIN ANNEALED STRANDED COPPER CONDUCTOR
2. PVC INSULATION
3. PVC FINAL JACKET

Table 1
DIMENSIONAL DATA SHEET

H03VVH2-F (70°C), 300/300V (GENERAL PURPOSE -LIGHT DUTY CABLES)

S/N	ASH ITEM CODE	CABLE REQUIREMENT		NOM. INSULATION THICKNESS (mm)	NOM. OUTER SHEATH THICKNESS (mm)	NOMINAL OVERALL DIAMETER H x W	Approx. Cable Weight (kg/km)	Maximum Conductor DC Resistance at 20°C	Standard Length
		No. of cores X size (MM2)	BS EN 60228 Class						
1	PA51-02C00005-UWH1E	2CX0.50	Class 5	0.50	0.60	3.30 X 5.20	30	≤39.00	100YARDS
2	PA51-02C00075- UWH1E	2CX0.75	Class 5	0.50	0.60	3.50 X 5.60	37	≤26.00	100YARDS
CABLE PRINTING		ASH FLEXI FLAT 2C X (size) MM2 CU/PVC/PVC 300/300V IEC 60227-5 ASHCABLES KSA (YEAR OF MANUFACTURE) (METER MARKING)							

H05VVH2-F (70°C), 300/500V (GENERAL PURPOSE -ORDINARY DUTY CABLES)

S/N	ASH ITEM CODE	CABLE REQUIREMENT		NOM. INSULATION THICKNESS (mm)	NOM. OUTER SHEATH THICKNESS (mm)	NOMINAL OVERALL DIAMETER H x W	Approx. Cable Weight (kg/km)	Maximum Conductor DC Resistance at 20°C	Standard Length
		No. of cores X size (MM2)	BS EN 60228 Class						
1	PE51-02C00075-UWH1E	2CX0.75	Class 5	0.60	0.80	4 X 6.30	47	≤26.00	100YARDS
2	PE51-02C00100-UWH1E	2CX1.00	Class 5	0.60	0.80	4.10 X 6.60	54	≤19.50	100YARDS
3	PE51-02C00150-UWH1E	2CX1.50	Class 5	0.70	0.80	4.70 X 7.60	73	≤13.30	100YARDS
4	PE51-02C00250-UWH1E	2CX2.50	Class 5	0.80	1.00	5.60 X 9.10	108	≤7.98	100YARDS
5	PE51-02C00400-UWH1E	2CX4.0	Class 5	0.80	1.10	6.30 X 10.40	150	≤4.95	100YARDS
CABLE PRINTING		ASHFLEXI FLAT 2C X (size) MM2 CU/PVC/PVC 300/500V IEC 60227-5 ASHCABLES KSA (YEAR OF MANUFACTURE) (METER MARKING)							

Dimensions and Weights are subject for manufacturing Tolerance.

FLAME BEHAVIOUR, MECHANICAL & ENVIRONMENTAL PROPERTY

Operating Temperature	-20°C to 70°C (H03VVH2-F, H05VVH2-F)
Bending Radius	6 X Cable Outer Diameter
Flame Retardance	Pass Flammability Test Requirement of IEC:60332-1-2

PACKING

100 Yards coiled or 500/1000 mts in cable Wooden Drum or any other customer requirement
Each spools/drum shall be marked with ASH cables standard practice.