

Cable Features:

- Suitable for fixed installations in a conduits, ducts or trunks or similar closed systems. It can be used in/on lighting fittings, switch and control devices, control panels, inside appliances and similar applications.

Reference Standard	IEC 60227-3, BS EN 50525-2-31 H05V-K (70°C) H05V2-K(90°C)
Temperature range	70°C, 90°C

CONSTRUCTION DETAILS

Conductor	Material	Plain copper conductor to ASTM B3, Flexible (class 5) to BS EN 60228
Insulation	Material	<p>➤ H05V-K(70°C) Extruded Polyvinyl Chloride (PVC) Type TI 1 to BS EN 50363-3 with 70°C temperature rating.</p> <p>➤ H05V2-K(90°C) Extruded Polyvinyl Chloride (PVC) Type TI 3 to BS EN 50363-3 with 90°C temperature rating.</p>
	Color Identification	Any colors (As per customer request)
Printing		Table 1 & Table 2

FLAME BEHAVIOUR & MECHANICAL PROPERTIES	
Operating Temperature	70°C / 90°C
Bending Radius	6XCABLE DIA.
Flame Test	IEC 60332-1-2 / BS EN 60332-1

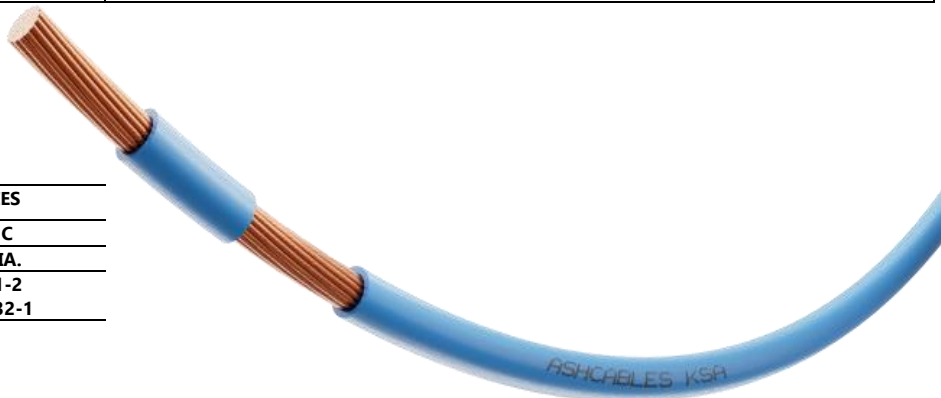


TABLE 1

Polyvinyl Chloride (PVC) 70°C Flame retardant (H05V-K) (300/500V)- FLEXIBLE STRANDED CONDUCTOR

S/N	ASH CABLES ITEM CODE	Nominal Cross Section	Conductor Class	Nominal Thickness of Insulation	Approx. Overall Diameter	Weight of Finished Cable Approx.	Maximum Conductor DC Resistance at 20°C	Standard Packing Length YARDS(Coil) /MTS(Drum)
		mm ²		mm	mm	Kg/Km	Ω/Km	
1	AL51-01C00005-UXXXX	0.5	Class 5	0.60	2.10	10	≤39.0	100Y/COIL
2	AL51-01C00075-UXXXX	0.75	Class 5	0.60	2.30	12	≤26.0	100Y/COIL
3	AL51-01C00100-UXXXX	1.0	Class 5	0.60	2.50	17	≤19.50	100Y/COIL
	Cable marking	ASH FLEX H05V-K (size) MM2 CU/PVC FR 70C 300/500V IEC 60227-3, BS EN 50525-2-31 ASHCABLES KSA						

TABLE 2

Polyvinyl Chloride (PVC) 90°C Flame retardant (H05V2-K) (300/500V)-FLEXIBLE STRANDED CONDUCTOR

S/N	ASH CABLES ITEM CODE	Nominal Cross Section	Conductor Class	Nominal Thickness of Insulation	Approx. Overall Diameter	Weight of Finished Cable Approx.	Maximum Conductor DC Resistance at 20°C	Standard Packing Length YARDS(Coil) /MTS(Drum)
		mm ²		mm	mm	Kg/Km	Ω/Km	
1	AL53-01C00005-UXXXX	0.5	Class 5	0.60	2.10	10	≤39.0	100Y/COIL
2	AL53-01C00075-UXXXX	0.75	Class 5	0.60	2.30	12	≤26.0	100Y/COIL
3	AL53-01C00100-UXXXX	1.0	Class 5	0.60	2.50	17	≤19.50	100Y/COIL
	Cable marking	ASH FLEX H05V2-K (size) MM2 CU/PVC HR 90°C 300/500V IEC 60227-3, BS EN 50525-2-31 ASHCABLES KSA						

Dimensions and Weights are subject for manufacturing Tolerance.