

ASHFLEXI CU/ PVC/ PVC 450/750 V GENERAL PURPOSE CABLES

APPLICATION:

-The cables are intended for a variety of applications where appliances or Industrial machines, require a flexible connection to the power supply.

CONSTRUCTION DETAILS

Reference Standard	Generally, to IEC 60227-5, BS EN 50525-2-11, BS EN 50363-3, BS EN 50363-4-1, BS EN 50525-1	
Rated voltage	450 / 750V	
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
	3 Cores	Green/Yellow, Blue, Brown
	4 Cores	Green/Yellow, Brown, Black, Grey
	5 Cores	Green/Yellow, Blue, Brown, Black, Grey
Assembly	Insulated conductors are laid up to form a core and non-hygroscopic filler (if required) Polyester wrapping tape (if required)	
Outer Sheathing	Extruded Poly vinyl Chloride (PVC 70°C) compound. (White color or as request)	
Marking (Printing)	Table 1	
Cable drawing	Figure 1	

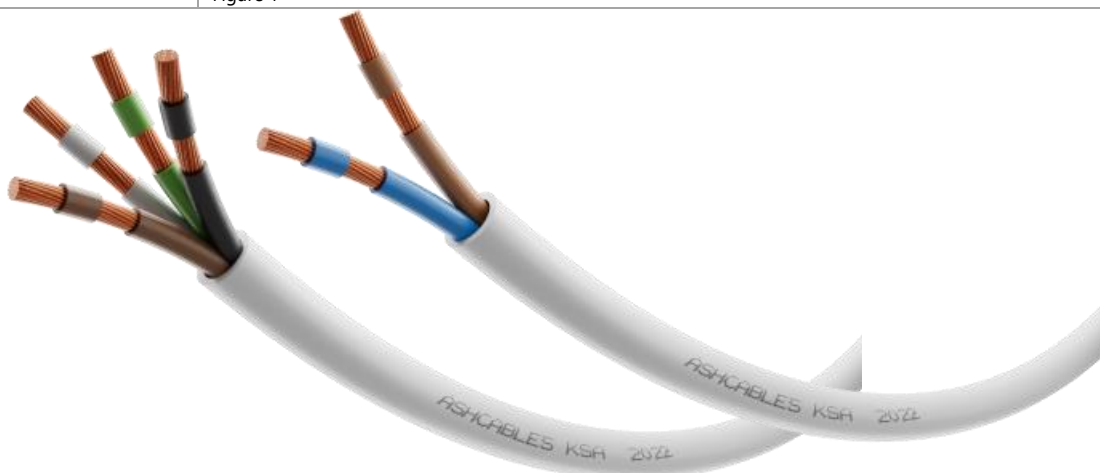


Table 1

DIMENSIONAL DATA SHEET

S/N	ASH ITEM CODE	CABLE REQUIREMENT		NOM. INSULATION THICKNESS (mm)	NOM. OUTER SHEATH THICKNESS (mm)	APPRX. CABLE DIA. (mm)	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	P751-02C00600-UWH1E	2CX6	Class 5	0.80	1.20	12.0	260	≤ 3.30	100YARDS
2	P751-02C01000-UWH1E	2CX10	Class 5	1.00	1.40	15.00	425	≤ 1.91	100YARDS
3	P751-02C01600-UWH1E	2CX16	Class 5	1.00	1.40	17.20	580	≤ 1.21	100YARDS
4	P751-03C00600-UWH1E	3CX6	Class 5	0.80	1.40	13.00	340	≤ 3.30	100YARDS
5	P751-03C01000-UWH1E	3CX10	Class 5	1.00	1.40	16.20	530	≤ 1.91	100YARDS
6	P751-03C01600-UWH1E	3CX16	Class 5	1.00	1.40	18.20	750	≤ 1.21	100YARDS
7	P751-04C00600-UWH1E	4CX6	Class 5	0.80	1.40	14.20	420	≤ 3.30	100YARDS
8	P751-04C01000-UWH1E	4CX10	Class 5	1.00	1.40	17.70	680	≤ 1.91	100YARDS
9	P751-04C01600-UWH1E	4CX16	Class 5	1.00	1.40	20.50	960	≤ 1.21	100YARDS
10	P751-05C00600-UWH1E	5CX6	Class 5	0.80	1.40	15.60	515	≤ 3.30	100YARDS
11	P751-05C01000-UWH1E	5CX10	Class 5	1.00	1.40	19.30	825	≤ 1.91	100YARDS
12	P751-05C01600-UWH1E	5CX16	Class 5	1.00	1.60	22.70	1200	≤ 1.21	100YARDS
CABLE PRINTING		ASHFLEXI (no. of core) X (size) MM2 CU/PVC/PVC 450/750 V GEN. 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
Bending Radius	8 X Cable Outer Diameter
Flame Retardance	Pass Flammability Test Requirement of IEC:60332-1-2

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