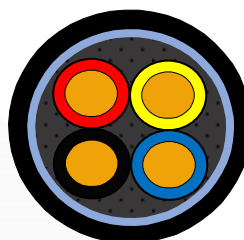
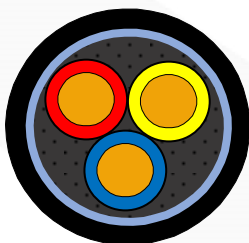
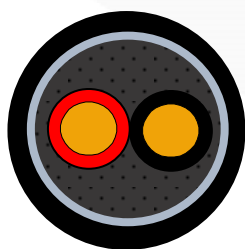


APPLICATION:

-The cables are intended for a variety of applications in fixed wiring of power supply to sockets, switches, and lighting fittings of domestic and commercial buildings. 300/500V with solid conductor to IEC 60228 class 1.

CONSTRUCTION DETAILS

Reference Standard	IEC 60277-4, IEC 60228, IEC 60332-1-2	
Rated voltage	300 / 500V	
Conductor Material	Plain annealed Copper conductor, Solid Class (1) of IEC EN 60228.	
Conductor Insulation	Extruded Poly vinyl Chloride (PVC 70°C) compound. H03VV-F, H05VV-F	
Insulation color	No. of cores	Core Identification
	2 Cores	Red, Black
	3 Cores	Red, Yellow, Blue
	4 Cores	Red, Yellow, Blue, Black
	5 Cores	Red, Yellow, Blue, Black, Green/Yellow
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. H05VV-U.	
Marking (Printing)	Table 1,	
Cable drawing	Figure 1	



FLAME BEHAVIOUR, MECHANICAL & ENVIRONMENTAL PROPERTY

Operating Temperature	-20°C to 70°C (H05VV-U)
Bending Radius	8 X Cable Outer Diameter
Flame Retardance	Pass Flammability Test Requirement of IEC:60332-1-2

PACKING

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

ASH POWER
MULTI CORES SOLID CU/ PVC/ PVC 300/500 V
GENERAL PURPOSE CABLES

Table 1
DIMENSIONAL DATA SHEET

S/N	ASH ITEM CODE	No. of cores X size (MM2/#wires&dia.)	NOM. INSULATION THICKNESS (mm)	NOM. OUTER SHEATH THICKNESS (mm)	NOM. OUTER SHEATH THICKNESS (mm)	APPRX. CABLE DIA. (mm)	Approx. Cable Weight (kg/km)	Maximum Conductor DC Resistance at 20°C
1	P311-02C00100-UBK6E	2CX1.0 (1X1.13 mm)	0.60	0.40	1.20	8.00	98	≤18.10
2	P311-03C00100-UBK6E	3CX1.0 (1X1.13 mm)	0.60	0.40	1.20	8.50	115	≤18.10
3	P311-04C00100-UBK6E	4CX1.0 (1X1.13 mm)	0.60	0.40	1.20	9.20	135	≤18.10
4	P311-05C00100-UBK6E	5CX1.0 (1X1.13 mm)	0.60	0.40	1.20	9.70	160	≤18.10
5	P311-02C00150-UBK6E	2CX1.5 (1X1.78 mm)	0.70	0.40	1.20	9.00	128	≤12.10
6	P311-03C00150-UBK6E	3CX1.5 (1X1.78 mm)	0.70	0.40	1.20	9.50	146	≤12.10
7	P311-04C00150-UBK6E	4CX1.5 (1X1.78 mm)	0.70	0.40	1.20	10.30	177	≤12.10
8	P311-05C00150-UBK6E	5CX1.5 (1X1.78 mm)	0.70	0.40	1.20	11.00	209	≤12.10
9	P311-02C00250-UBK6E	2CX2.5 (1X2.25 mm)	0.80	0.40	1.40	10.40	166	≤7.41
10	P311-03C00250-UBK6E	3CX2.5 (1X2.25 mm)	0.80	0.40	1.40	10.90	200	≤7.41
11	P311-04C00250-UBK6E	4CX2.5 (1X2.25 mm)	0.80	0.40	1.40	11.70	244	≤7.41
12	P311-05C00250-UBK6E	5CX2.5 (1X2.25 mm)	0.80	0.40	1.40	12.80	287	≤7.41
CABLE PRINTING		ASH POWER (no. of core) X (size) MM2 CU/PVC/PVC 300/500V IEC 60227-4 H05VV-U ASHCABLES KSA (YEAR OF MANUFACTURE) (METER MARKING)						