

ASH POWER
SINGLE CORE CU/PVC/PVC 0.6/1 KV
Sunlight Resistant, Flame Retardant

APPLICATION

For fixed installations, indoors and outdoors, in low voltage electricity systems. Generally used for the distribution of electrical energy in urban networks, power or switching stations, industrial plants, as well as in switchgears, in applications.

STANDARDS

IEC 60502-1	Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1.2 kV) up to 30 kV (Um = 36 kV).
IEC 60228	Conductors of insulated cables

CONSTRUCTION DETAILS

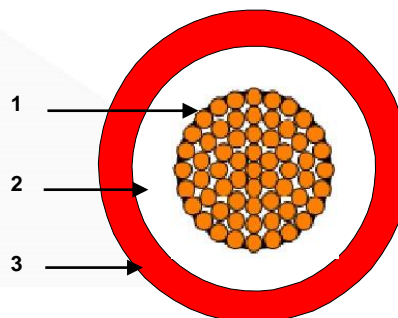
CONDUCTOR	Stranded Annealed Plain Copper Conductor, Class-2 to IEC:60228.
INSULATION	Extruded PVC Compound,
CORE IDENTIFICATION	Red or Black or Natural
OUTER JACKET	Extruded Poly Vinyl Chloride (PVC) Type ST1 Compound. Flame Retardant and Sunlight Resistant. Black color or on request.
Marking	ASH POWER (NO. OF CORE) X (SIZE MM2) CU/PVC/PVC FR 600/1000 V IEC 60502-1 ASHCABLES KSA + METER MARKING

ELECTRICAL PROPERTIES

Voltage Test	3.5 kV / 5 Minutes
Voltage Rate	600/1000V

PHYSICAL & ENVIRONMENTAL PROPERTIES

Flame Retardant Test	IEC 60332-1 / IEC 60332-3 Cat. C
Sunlight Resistance	Passes
Minimum Bending Radius	6xCable Outside Diameter
Temperature Range	-10°C to 70°C



NOT TO SCALE:

1. PLAIN ANNEALED STRANDED COPPER CONDUCTOR (CLASS 2)
2. PVC INSULATION
3. PVC JACKET

ASH POWER
SINGLE CORE CU/PVC/PVC 0.6/1KV
Sunlight Resistant, Flame Retardant

SINGLE (1) CORE CU/PVC/PVC 600/1000V
DIMENSIONS AND WEIGHTS

S/N	ASH CABLES Item Code	CONDUCTOR	INSULATION	OUTER SHEATH		PACKAGING		Maximum Conductor DC Resistance at 20°C (Ω/KM)
		Cross Sectional Area Nominal (mm ²)	Thickness Nominal (mm)	Thickness Nominal (mm)	Approx. Overall Diameter (mm)	Net Weight (Kg/Km)	Standard Drum (m) ±5%	
1	PM31-01C00150-UBK6A	1.5	0.80	1.40	6.00	60	500/1000	12.10
2	PM31-01C00250-UBK6A	2.5	0.80	1.40	6.50	70	500/1000	7.41
3	PM31-01C00400-UBK6A	4	1.00	1.40	7.50	90	500/1000	4.61
4	PM31-01C00600-UBK6A	6	1.00	1.40	8.00	115	500/1000	3.08
5	PM31-01C01000-UBK6A	10	1.00	1.40	9.00	165	500/1000	1.83
6	PM31-01C01600-UBK6A	16	1.00	1.40	10.00	230	500/1000	1.15
7	PM31-01C02500-UBK6A	25	1.20	1.40	11.60	340	500/1000	0.727
8	PM31-01C03500-UBK6A	35	1.20	1.40	12.80	450	500/1000	0.524
9	PM31-01C05000-UBK6A	50	1.40	1.40	14.60	580	500/1000	0.387
10	PM31-01C07000-UBK6A	70	1.40	1.40	16.50	780	500/1000	0.268
11	PM31-01C09500-UBK6A	95	1.60	1.50	18.80	1050	500/1000	0.193
12	PM31-01C15000-UBK6A	120	1.60	1.50	20.50	1300	500/1000	0.153
13	PM31-01C15000-UBK6A	150	1.80	1.60	22.50	1590	500/1000	0.124
14	PM31-01C18500-UBK6A	185	2.00	1.70	25.00	2000	500/1000	0.0991
15	PM31-01C24000-UBK6A	240	2.20	1.80	28.50	2600	500/1000	0.0754

Dimensions and Weights are subject for manufacturing Tolerance.

Cable Dia. Tolerance:

±2.0mm for outer diameter of ≤ 25 mm.

±2.5mm for outer diameter of ≥26 mm.