

ASH LIFT MULTI CORE CU/ PVC/ /PVC 300/500 V 70°C FLAT CONTROL CABLES

APPLICATION:

- Used as Flat Traveling cable to connect machine room with elevator car, where the freely suspended length must not exceed 45 meters and the travelling speed must not exceed 4m/s.

CONSTRUCTION DETAILS

Reference Standard	Generally, to BS EN 50214 and, IEC60227-6
Rated voltage	300 / 500V
Conductor Material	Plain annealed Copper conductor to ASTM B3.
Conductor Size	Flexible Class (5) of BS EN 60228.
Conductor Insulation	Extruded Polyvinyl chloride (PVC) compound 70°C to EN 50363-3.
Color identification	Black cores with numeric print + 1 Yellow/Green(s)
Assembly	The required number of cores are assembled in Flat cable formation.
Outer Sheathing	Extruded Polyvinyl chloride (PVC) compound 70°C to BS EN 60363-4. Grey color.
Marking (Printing)	Table 1
Cable Cross sectional drawing	Figure 1



DIMENSIONAL DATA SHEET

S/N	ASH ITEM CODE	CABLE REQUIREMENT		NOM. INSULATION THICKNESS (mm)	Approx. Overall Dimensions		Approx. Cable Weight (kg/km)	Maximum Conductor DC Resistance at 20°C	Standard Length (MTS)
		No. of cores X size (MM2)	BS EN 60228 Class		Min.	Max.			
1	L151-12C00075-UGR6J	12GX0.75	Class 5	0.60	29.40 X 3.7	34.5 X 4.5	237	≤26.00	500/1000
2	L151-18C00075- UGR6J	18GX0.75	Class 5	0.60	43.3 X 3.7	51 X 4.5	387	≤26.00	500/1000
3	L151-24C00075- UGR6J	24GX0.75	Class 5	0.60	57.7 X 3.7	68 X 4.5	515	≤26.00	500/1000
4	L151-12C00100- UGR6J	12GX1.00	Class 5	0.60	41 X 3.7	47 X 4.5	257	≤19.50	500/1000
5	L151-18C00100- UGR6J	18GX1.00	Class 5	0.60	45.80 X 3.7	53 X 4.5	415	≤19.50	500/1000
6	L151-24C00100- UGR6J	24GX1.00	Class 5	0.60	61.1 X 3.7	70 X 4.5	545	≤19.50	500/1000
CABLE PRINTING		ASHLIFT (No. of cores) G 0.75 MM2 H05V3V3H6 BS EN 50214 227 IEC 1F 300/500V ASHCABLES KSA (YEAR OF MANUFACTURE) (METER MARKING)							

Dimensions and Weights are subject for manufacturing Tolerance.

FLAME BEHAVIOUR, MECHANICAL & ENVIRONMENTAL PROPERTY

Operating Temperature	-30°C to +70°C
Bending Radius	15 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.