

Elevator Platform Cable H05VVH6-F

Eland Product Group **A1T**



Application

Elevator/Platform Cable is a flat traveling PVC Cable used in conveyor and hoist equipment. This cable is suitable for internal and panoramic elevator applications with a freely suspended length up to 45 metres.

Standards

BS EN 50214

Technical Data

Conductor

Class 5 flexible plain copper conductors

Voltage Rating

300/500V

Insulation

PVC (Polyvinyl Chloride)

Temperature Rating

-5°C to +70°C

Sheath

PVC (Polyvinyl Chloride)

Minimum Bending Radius

10 x thickness of cable

Sheath Colour

Black

Core Identification

Black Cores with white numerals Green/Yellow earth conductor

Dimensions

Eland Part Number	No. of Cores x Nominal Cross Sectional Area # x mm ²	Nominal Diameter Over Conductor mm	Nominal Thickness of Insulation mm	Cable Dimensions (Thickness x Width) mm	Nominal Weight kg/Km
A1TR060075BK	6 x 0.75	1.3	0.6	4 x 19	142
A1TR120075BK	12 x 0.75	1.3	0.6	4 x 34	258
A1TR180075BK	18 x 0.75	1.3	0.6	4 x 49	380
A1TR200075BK	20 x 0.75	1.3	0.6	4 x 55	425
A1TR240075BK	24 x 0.75	1.3	0.6	4 x 66	509
A1TR06010BK	6 x 1.00	1.4	0.6	4.5 x 19	161
A1TR12010BK	12 x 1.00	1.4	0.6	4.5 x 35	292
A1TR18010BK	18 x 1.00	1.4	0.6	4.5 x 51	432
A1TR20010BK	20 x 1.00	1.4	0.6	4.5 x 57	483
A1TR24010BK	24 x 1.00	1.4	0.6	4.5 x 68	578

Conductors

Class 5 flexible copper conductors for Single Core and Multi-Core cables

1 Nominal Cross Sectional Area mm ²	2 Maximum Diameter of Wires in Conductor mm	3 Maximum Resistance of Conductor at 20°C	
		Plain Wires ohms/Km	Metal-Coated Wires ohms/Km
0.75	0.21	26.0000	26.7000
1.00	0.21	19.5000	20.0000

Table in accordance with BS EN 60228:2005 (previously BS6360)

Electrical Characteristics

Electrical Properties

Rated Voltage: 0.75 – 1.0mm² 300/500V (rms)

Test Voltage: 2kV (rms)/15 minutes

Mechanical Properties

Free Suspension Length: Max. 45m

Travelling Height: Max. 80m

Running Speed: Max. 10m/s

The information contained within this datasheet is for guidance only. When selecting accessories such as cleats, glands, etc please note that actual cable dimensions may vary due to manufacturing tolerances.