H05VVH6-F Elevator Platform Cable

Eland Product Group: A1T

APPLICATION
Elevator/Platform Cable is a flat travelling 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.

CONSTRUCTION
Conductor
Class 5 flexible copper conductor BS EN 60228 (previously BS 6360)

Insulation
PVC (Polyvinyl Chloride) Type T11 according to BS EN 50363

Sheath
PVC (Polyvinyl Chloride) Type TM2 according to BS EN 50363

CABLE STANDARDS
BS EN 50214, BS EN/IEC 60332-1-2

The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS
Voltage Rating (Uo/U)
300/500V

Temperature Rating
Flexed: -20°C to +70°C

Minimum Bending Radius
Flexed: 8 x overall diameter

Core Identification
● Black with ○ White numbers ● Green/Yellow earth conductor

Sheath Colour
● Black
## DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>NOMINAL DIAMETER OVER CONDUCTOR mm</th>
<th>NOMINAL THICKNESS OF INSULATION mm</th>
<th>CABLE DIMENSIONS (THICKNESS x WIDTH) mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1TR060075BK</td>
<td>6</td>
<td>0.75</td>
<td>1.3</td>
<td>0.6</td>
<td>4 x 18</td>
<td>118</td>
</tr>
<tr>
<td>A1TR120075BK</td>
<td>12</td>
<td>0.75</td>
<td>1.3</td>
<td>0.6</td>
<td>4 x 32</td>
<td>227</td>
</tr>
<tr>
<td>A1TR180075BK</td>
<td>18</td>
<td>0.75</td>
<td>1.3</td>
<td>0.6</td>
<td>4 x 46</td>
<td>336</td>
</tr>
<tr>
<td>A1TR200075BK</td>
<td>20</td>
<td>0.75</td>
<td>1.3</td>
<td>0.6</td>
<td>4 x 52</td>
<td>376</td>
</tr>
<tr>
<td>A1TR240075BK</td>
<td>24</td>
<td>0.75</td>
<td>1.3</td>
<td>0.6</td>
<td>4 x 62</td>
<td>450</td>
</tr>
</tbody>
</table>

## CONDUCTORS

Class 5 Flexible Copper Conductors for Single Core and Multi-Core Cables

<table>
<thead>
<tr>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>MAXIMUM DIAMETER OF WIRES IN CONDUCTOR mm</th>
<th>MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0.75</td>
<td>0.21</td>
<td>26</td>
<td>26.7</td>
<td></td>
</tr>
</tbody>
</table>

The above table is in accordance with BS EN 60228 (previously BS 6386)

## ELECTRICAL CHARACTERISTICS

### Electrical Properties
Rated Voltage: 0.75 – 1.0 mm² 300/500V (rms)
Test Voltage: 2kV (rms)/15 minutes

### Mechanical Properties
Free Suspension Length: Maximum 45m
Travelling Height: Maximum 80m
Running Speed: Maximum 6.3m/s

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.