

Pendant Hoist Control Cable



Eland Product Group: B7H

APPLICATION

Pendant cable for control or feeder applications in lifts and hoists. The two steel load bearing elements can be detached without damaging the outer sheath and fixed independently from the cable gland. Two steel cores run parallel to the outer sheath. Offers high flexibility at lower temperatures. These cables are not suitable for drum reeling installations.

CHARACTERISTICS

Voltage Rating (U₀/U)
300/500V

Temperature Rating
Fixed: -40°C to + 70°C
Mobile: -25°C to +70°C

Minimum Bending Radius
Fixed: 10 x Overall Diameter
Mobile: 20 x Overall Diameter

Maximum Tensile Load
15 N/mm²

Maximum Suspended Height
80 meters

Pulling Force
2100 N for each steel core

CONSTRUCTION

Conductor
Class 6 fine flexible stranded plain Copper

Insulation
XLPE (Cross linked polyethylene compound)

Lay Up
Cores laid up in concentric layers

Tape
Textile

Suspension Support
Galvanized steel wire ropes at both sides

Outer Sheath
PVC (Polyvinyl chloride)

Core Identification
● Black cores with white numbers

Sheath Colour
● Black

STANDARDS

IEC 60228, IEC 227, VDE 0295, IEC 60332-1, HD/EN/IEC 60811-2-1, DIN VDE 0473 part 811-2-1, DIN VDE 0298-4

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





DIMENSIONS

| ELAND PART NO. | NO. OF CORES | NOMINAL CROSS SECTIONAL AREA mm ² | NOMINAL OVERALL DIAMETER mm | | NOMINAL WEIGHT kg/km |
|----------------|--------------|---|--------------------------------|---------|-------------------------|
| | | | Minimum | Maximum | |
| B7HP05050 | 5 | 1.5 | 10.0 | 20.0 | 210 |
| B7HP06050 | 6 | 1.5 | 10.3 | 19.0 | 255 |
| B7HP08050 | 8 | 1.5 | 12.5 | 22.0 | 300 |
| B7HP10050 | 10 | 1.5 | 12.4 | 21.0 | 330 |
| B7HP12050 | 12 | 1.5 | 13.0 | 23.0 | 350 |
| B7HP14050 | 14 | 1.5 | 13.4 | 22.0 | 405 |
| B7HP16050 | 16 | 1.5 | 15.5 | 25.5 | 440 |
| B7HP20050 | 20 | 1.5 | 16.5 | 27.5 | 525 |
| B7HP24050 | 24 | 1.5 | 19.9 | 29.5 | 575 |