

# 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** (U<sub>0</sub>/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/mm<sup>2</sup>

**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<sup>®</sup>

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](http://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<sup>®</sup>.





## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	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