

# RHZ1 6/10kV Cable



Eland Product Group: F07

## APPLICATION

RHZ1 Spanish standard MV cables with halogen free Polyolefin sheathing and double layer copper tape shield. Applications include power distribution and primary cables for series circuit connecting between the Constant Current Regulators and the isolating transformers, and between isolating transformers.

## CHARACTERISTICS

**Rated Voltage  $U_0/U$  (Um)**  
6/10kV

**Temperature Rating**  
Fixed: -20°C to +90°C

**Minimum Bending Radius**  
18x Overall Diameter

## CONSTRUCTION

### Conductor

Stranded bare copper conductor

### Inner Semi-Conductor

Extruded semi-conducting compound

### Insulation

XLPE (Cross-linked Polyethylene)

### Outer Semi-Conductor

Extruded semi-conducting compound

### Shield

Two copper tapes

### Sheath

PO HF (Polyolefin Halogen Free)

### Sheath Colour

● Red

## DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL INSULATION THICKNESS mm	NOMINAL SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F0610KV010060RD	1	6	3.5	2.8	18	410

## STANDARDS

UNE 21-161-93

## THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECCE 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 RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.

