

## 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<sub>0</sub>/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

### ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



### REGULATORY COMPLIANCE

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



This cable meets the requirements of the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.

