

RG7H1R 3.6/6kV Airport Lighting Cable



Eland Product Group: F05

APPLICATION

RG7H1R cables can be used as airfield lighting equipment primary cables for the series circuit connecting the Constant Current Regulators and the isolating transformers, and between the isolating transformers.

CHARACTERISTICS

Rated Voltage U₀/U
3.6/6kV

Temperature Rating
Fixed: 0°C to +90°C

Minimum Bending Radius
15 x Overall Diameter

CONSTRUCTION

Conductor

Compact stranded bare copper conductor

Inner Semi-Conductor

Extruded semi-conducting compound

Insulation

Rubber compound, G7 type

Outer Semi-Conductor

Extruded semi-conducting compound

Shield

Bare copper tapes

Sheath

PVC (Polyvinyl chloride)

Sheath Colour

● Red

DIMENSIONS

ELAND PART NO.	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL INSULATION THICKNESS mm	MINIMUM SHIELD THICKNESS mm	NOMINAL SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F0506KV01010RD	10	2.3	0.075	1.4	14	305

STANDARDS

ENV 50213

THE CABLE LAB[®]

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



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[®].

