

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

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™.

