

TXXP 1kV Copper Cable



Eland Product Group: B2T

APPLICATION

The TXXP 1kV Copper cable is for the interconnection of power installations. UV-resistant PVC sheathing.

CHARACTERISTICS

Voltage Rating U_o/U
0.6/1kV

Temperature Rating

Minimum laying temperature: -5°C

Maximum Conductor temperature: +90°C

Short Circuit Temperature
250°C

Minimum Bending Radius
15 x overall diameter

CONSTRUCTION

Conductor

RM: Class 2 copper conductor, round stranded

Insulation

XLPE (Cross-Linked Polyethylene)

Outer Sheath

PVC (Polyvinyl Chloride) UV resistant

Outer Sheath Colour

● Black

STANDARDS

HD 308 S2, IEC 60502-1

Flame retardant according to IEC 60332-1

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 Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/85/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	CONDUCTOR TYPE	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
B2T01150BK	1	150	RM	17.5	588
B2T01240BK	1	240	RM	21.8	965
B2T01300BK	1	300	RM	18.8	698
B2T01400BK	1	400	RM	23.7	1115

ELECTRICAL CHARACTERISTICS

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	CONDUCTOR TYPE	CURRENT CARRYING CAPACITY IN AIR (A)	MAXIMUM CONDUCTOR RESISTANCE AT 20°C Ω/km
1	150	RM	657	0.124
1	240	RM	872	0.075
1	300	RM	986	0.060
1	400	RM	1139	0.047

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.