

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 U₀/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

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 Low Voltage Directive 2014/35/EU and 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™.





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.