

TXXP 1kV Aluminium Cable



Eland Product Group: B2TA

APPLICATION

The TXXP 1kV is a single core aluminium interconnection cable with UV-resistant PVC sheathing for power installations

CHARACTERISTICS

Voltage Rating Uo/U
0.6/1kV

Temperature Rating
Minimum laying temperature: -5°C
Maximum operating temperature: +90°C

Short Circuit Temperature
250°C

Minimum Bending Radius
15 x overall diameter

CONSTRUCTION

Conductor
RM: Class 2 round stranded Aluminium

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 2015/853/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
B2TA01150BK	1	150	RM	20.0	650
B2TA01240BK	1	240	RM	26.0	1000
B2TA01300BK	1	300	RM	30.0	1220
B2TA01400BK	1	400	RM	32.0	1550

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	436	0.206
1	240	RM	578	0.125
1	300	RM	656	0.100
1	400	RM	765	0.078

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.