

AXLJ-F 12/20kV Cable



Eland Product Group: B1K

APPLICATION

The AXLJ-F 12/20 cable is used for fixed outdoor installation.

CHARACTERISTICS

Voltage Rating U_o/U
12/20 (24)kV

Temperature Rating
Maximum Operating: 90°C
Maximum Short-Circuit: 250°C

CONSTRUCTION

Conductor
Threaded round waterproof aluminium

Conductor Screen
Semiconductive solid-capped XLPE
(Cross-Linked Polyethylene)

Insulation
XLPE (Cross-Linked Polyethylene)

Screen
Semiconductive solid-cured XPLE

Watertight
Semiconductive tape, also serves as a diffusion barrier in long waterproof

Metallic Screen
Semi-conducting bands and copper wires with counter-spiral

Outer Sheath
UV Resistant Polyethylene (PE)

Sheath Colour
● Black

STANDARDS

HD 620 S2: 2010 Part 10 Section F/M

ISO/IEC 17025 LAB TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab[®], a UKAS accredited ISO 17025 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[™].





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL DIAMETER OF CONDUCTOR mm	NOMINAL WEIGHT kg/km
B1K20KV01050/16	1	50/16	29	660
B1K20KV0195/25	1	95/25	32	940
B1K20KV01150/25	1	150/25	35	1140
B1K20KV01240/25	1	240/25	40	1610
B1K20KV01400/35	1	400/35	44	2080
B1K20KV01630/35	1	630/35	52	3050
B1K20KV03050/16	3	50/16	55	1840
B1K20KV0395/25	3	95/25	62	2450
B1K20KV03150/25	3	150/25	69	3300
B1K20KV03240/35	3	240/35	79	4360

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.