

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 XPPE

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

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 RoHS Directive 2015/65/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	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.