

**ELAND<sup>®</sup>**  
**CABLES**

## AXQJ-F 12/20kV Cable



Cca s1 d1 a1

Eland Product Group: B1J

### APPLICATION

This cable is intended for fixed installation inside and outside, on ladder in field or channel. Particularly suitable where there is a requirement for small fire spread, and less harmful flue gases.

### CHARACTERISTICS

**Voltage Rating**  $U_0/U$  (Um)  
12/20 (24)kV

**Temperature Rating**  
Minimum installation: -15°C  
Maximum Operating: +90°C  
Maximum Short-Circuit: 250°C

### CONSTRUCTION

**Conductor**  
Threaded, round, waterproof aluminum conductor

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

**Insulation**  
XLPE (Cross-Linked Polyethylene)

**Screen**  
Semiconductive solid-capped XLPE

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

**Outer Sheath**  
Halogen-free UV-resistant polyolefin

**Sheath Colour**  
● Black

### STANDARDS

SS 424 14 16



### 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 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 <sup>2</sup> | NOMINAL DIAMETER OF CONDUCTOR mm | NOMINAL WEIGHT kg/km |
|-------------------|--------------|--|----------------------------------|----------------------|
| B1J20KV01050BK    | 1            | 50/16  | 29                               | 820                  |
| B1J20KV0195/25BK  | 1            | 95/25  | 32                               | 1150                 |
| B1J20KV01150BK    | 1            | 150/25                                       | 35                               | 1390                 |
| B1J20KV01240/25BK | 1            | 240/35                                       | 40                               | 1910                 |
| B1J20KV01400/35BK | 1            | 400/35                                       | 46                               | 2500                 |
| B1J20KV01630/35BK | 1            | 630/35                                       | 52                               | 3450                 |
| B1J20KV03050BK    | 3            | 50/16  | 55                               | 2470                 |
| B1J20KV0395/25BK  | 3            | 95/25  | 65                               | 3540                 |
| B1J20KV03150BK    | 3            | 150/25                                       | 69                               | 4290                 |
| B1J20KV03240/35BK | 3            | 240/35                                       | 79                               | 5870                 |

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.