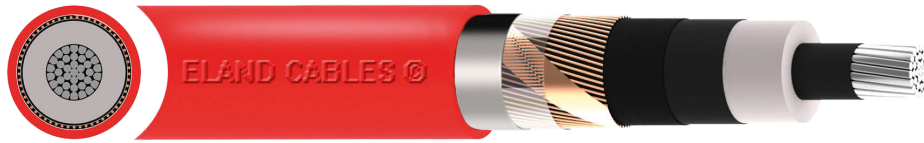




EAXeCeWB Cable



Eland Product Group: ...

APPLICATION

Electrical power supply in public networks and industrial plants. Outdoor installation, on racks, direct buried or in conduits. This construction is particularly suitable for underground installation due to the longitudinal watertightness.

CHARACTERISTICS

Voltage Rating U_o/U (Um)

8.7/15 (17.5)kV,
20.8/36 (41.5)kV

Temperature Range

Maximum conductor operating temperature: 90°C
Maximum short circuit temperature: 250°C

CONSTRUCTION

Conductor

Aluminum round, stranded

Conductor Screen

Semi-conducting XLPE (Cross-Linked Polyethylene) extruded

Insulation

XLPE (Cross-Linked Polyethylene)

Insulation Screen

Semi-conducting XLPE (Cross-Linked Polyethylene) extruded

Longitudinal Waterblock

Semi-conducting swelling tape

Metallic Screen

Copper wires screen + counter helix copper tape

Longitudinal Waterblock

Swelling tape

Radial Waterblock

Aluminium/PET tape bonded to outer sheath

Outer Sheath

PE (Polyethylene)

Sheath Colour

● Red

STANDARDS

National 13782-99HH; NBN HD 620 / 10B-A

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.



FS 672069

EMS 672067

OHS 672066

REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.





DIMENSIONS 8.7/15 (17.5)KV

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL INSULATION THICKNESS mm	NOMINAL SCREEN SECTIONAL AREA mm ²	NOMINAL SHEATH THICKNESS mm	MAXIMUM OUTER DIAMETER mm	NOMINAL WEIGHT kg/km
B4K15KV01095	1	95	4.5	25	2.6	36.0	1290
B4K15KV01240	1	240	4.5	25	3.1	44.0	2010
B4K15KV01400	1	400	4.5	35	3.3	50.0	2500
B4K15KV01630	1	630	3.6	35	3.5	56.0	3300

ELECTRICAL CHARACTERISTICS 8.7/15 (17.5)KV

NOMINAL CROSS SECTIONAL AREA mm ²	CURRENT CARRYING CAPACITY - INSTALLED IN GROUND		CURRENT CARRYING CAPACITY - IN AIR	
	TREFOIL A	FLAT A	TREFOIL A	FLAT A
95	256	274	280	326
240	428	447	495	568
400	551	555	662	744
630	712	851	885	980

DIMENSIONS 20.8/36 (41.5)KV

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL INSULATION THICKNESS mm	NOMINAL SCREEN SECTIONAL AREA mm ²	NOMINAL SHEATH THICKNESS mm	MAXIMUM OUTER DIAMETER mm	NOMINAL WEIGHT kg/km
B4K36KV01095	1	95	8.8	25	2.9	-	1830
B4K36KV01240	1	240	8.8	25	3.4	53.0	2680

ELECTRICAL CHARACTERISTICS 20.8/36 (41.5)KV

NOMINAL CROSS SECTIONAL AREA mm ²	CURRENT CARRYING CAPACITY - INSTALLED IN GROUND		CURRENT CARRYING CAPACITY - IN AIR	
	TREFOIL A	FLAT A	TREFOIL A	FLAT A
95	247	262	286	323
240	412	426	501	563