



YMeKrvasdlwd Aluminium MDPE 3-core Cable



Eland Product Group: C9E

APPLICATION

The YMeKrvasdlwd three core medium voltage power distribution cable with Aluminium conductors and MDPE sheathing is suitable for internal and external installation, with longitudinal waterblocking protection.

CHARACTERISTICS

Voltage Rating

8.7/15 (17.5) kV
18/30 (36) kV

Temperature Range

Maximum conductor operating temperature: +90°C

CONSTRUCTION

Conductor

8.7/15 kV: Class 1 solid Aluminium Conductor
18/30 kV: Class 2 Aluminium Stranded Conductor

Inner Semi-Conductive Layer

Semi-Conductive Material

Insulation

XLPE (Cross-Linked Polyethylene)

Outer Semi-Conductive Layer

Semi-Conductive Material

Waterblocking Tape

Semi-conductive swellable tape

Screen

Copper wires and tape

Waterblocking Tape

Longitudinal swellable tape

Waterblocking Tape 2

Al/PET (Aluminium/Polyester) Radial Water Blocking

Outer Sheath

MDPE (Medium Density Polyethylene)

Outer Sheath Colour

● Red

STANDARDS

NEN-HD 620 S2 - Part 10J / IEC 60502-2
UV-protection ISO 4892/2

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE 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 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 8.7/15 (17.5)KV

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL CROSS SECTIONAL AREA OF SCREEN mm ²	NOMINAL OUTER DIAMETER mm	NOMINAL WEIGHT kg/km
C9E15KV103095RD	3	95	50	57.9	3.778
C9E15KV103150RD	3	150	70	64	4.862

DIMENSIONS 18/30 (36)KV

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL CROSS SECTIONAL AREA OF SCREEN mm ²	NOMINAL OUTER DIAMETER mm	NOMINAL WEIGHT kg/km
C9E30KV103050RD	3	50	35	67.4	4.534

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.