

VO-YMvKasmb Cable



Eland Product Group: B1N

APPLICATION

The VO-YMvKasmb cable is a power cable suitable for industrial applications. Suitable for underground laying.

CHARACTERISTICS

Voltage Rating U₀/U (Um)
0.6/1kV

Test Voltage
3.5kV

Temperature Rating
Operating: -15°C to +90°C

Short Circuit Temperature
+250°C

Minimum Bending Radius
15 x overall diameter

CONSTRUCTION

Conductor
Class1 Solid copper
Class 2 Stranded copper

Insulation
XLPE (Cross-Linked Polyethylene)

Filler
PVC (Polyvinyl chloride)

Drain Wire
Tinned copper

Braiding
GSWB (Galvanized round steel wire)

Outer Sheath
PVC FR (Polyvinyl chloride Flame Retardant)

Sheath Colour
● Grey

CABLE THIRD-PARTY ACCREDITATION



Cables are tested and accredited by KEMA Laboratories in The Netherlands to KEMA K42C-1-4-D

STANDARDS

HD 604-S1-4D
Flame retardant according to EN-60332-3-24 Cat. C

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



SCIENCE
BASED
TARGETS

**BUSINESS
AMBIITION FOR 1.5°C**



REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU, 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 THICKNESS OF INSULATION mm | NOMINAL THICKNESS OF OUTER SHEATH mm | NOMINAL OVERALL DIAMETER mm | NOMINAL WEIGHT kg/km |
|-----------------|--------------|---|-------------------------------------|---------------------------------------|---|--------------------------------|-------------------------|
| B1N020015/1.5GR | 2 | 1.5/1.5 | 1.36 | 0.70 | 1.80 | 11.9 | 189 |
| B1N020025/2.5GR | 2 | 2.5/2.5 | 1.76 | 0.70 | 1.80 | 13.2 | 251 |
| B1N020040/4GR | 2 | 4/4 | 2.21 | 0.70 | 1.80 | 14.0 | 361 |
| B1N020060/6GR | 2 | 6/6 | 2.71 | 0.70 | 1.80 | 17.5 | 450 |
| B1N030015/1.5GR | 3 | 1.5/1.5 | 1.36 | 0.70 | 1.80 | 12.3 | 216 |
| B1N030025/2.5GR | 3 | 2.5/2.5 | 1.76 | 0.70 | 1.80 | 13.2 | 293 |
| B1N030040/4GR | 3 | 4/4 | 2.21 | 0.70 | 1.80 | 15.5 | 425 |
| B1N030060/6GR | 3 | 6/6 | 2.71 | 0.70 | 1.80 | 19.2 | 535 |
| B1N040015/1.5GR | 4 | 1.5/1.5 | 1.36 | 0.70 | 1.80 | 12.8 | 246 |
| B1N040025/2.5GR | 4 | 2.5/2.5 | 1.76 | 0.70 | 1.80 | 14.4 | 334 |
| B1N040040/4GR | 4 | 4/4 | 2.21 | 0.70 | 1.80 | 15.5 | 44 |
| B1N040060/6GR | 4 | 6/6 | 2.71 | 0.70 | 1.80 | 19.2 | 574 |

ELECTRICAL CHARACTERISTICS

| NOMINAL CROSS SECTIONAL AREA mm ² | CURRENT CARRYING CAPACITY A | MAXIMUM CONDUCTOR DC RESISTANCE AT 20°C ohm/km |
|---|--------------------------------|---|
| 1.5/1.5 | 24 | 12.1 |
| 2.5/2.5 | 32 | 7.41 |
| 4/4 | 42 | 4.61 |
| 6/6 | 53 | 3.08 |

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.