

## 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**  $U_0/U$  (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**  
Class 1 Solid copper  
Class 2 Stranded copper

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

**Filler**  
PVC (Polyvinyl chloride)

**Braiding**  
GSWB (Galvanized round steel wire)

**Drain Wire**  
Tinned copper

**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

### 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.



8578



FS 672069



EMS 672067



OHS 672066

### 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 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™.



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## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	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 <sup>2</sup>	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.