

FLRYY Cable



Eland Product Group: B3L

APPLICATION

These low-voltage cables are designed for the wiring of electrical installations in the manufacture of commercial vehicles. Due to the ADR-approval especially suitable for trailers and semitrailers manufactured for the transport of GGVS hazardous substances.

CHARACTERISTICS

Test Voltage

2 kV min. 5 minutes

Temperature Rating

Fixed: -40°C to +85°C

Minimum Bending Radius

12x overall diameter

Capacitance

Data Pair: Maximum 50pF/m

Between Data Pairs and other cores: Maximum 100pF/m

Insulation Resistance

Minimum 20 MOhm x km

CONSTRUCTION

Conductor

Fine-wire bare copper conductor

Insulation

Cold-resistant special PVC (Polyvinyl Chloride)

Outer Sheath

Special PVC (Polyvinyl Chloride)

Core Identification

○ White numbered

Sheath Colour

● Black

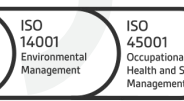
STANDARDS

DIN VDE 0295, IEC 60228, DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1, DIN VDE 0472

Conforming with national standard ISO 4141 and DIN/ISO 6722
ADR approved

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 ²	AWG NO.	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
B3L0200005	2	0.5	20	4.8	40.0
B3L0200010	2	1	17	6.0	56.0
B3L0200010	2	1	17	6.0	56.0
B3L0200015	2	1.5	16	6.6	66.0
B3L02100075	2 + 2	0.75 + 1.5	18	7.0	91.0
B3L03000075	3	0.75	17	5.3	52.4
B3L0300010	3	1	17	6.3	66.0
B3L0310025	3 + 4	2.5 + 1.5	14	10.3	221.0
B3L0400010	4	1	17	6.8	80.0
B3L0400015	4	1.5	16	7.5	106.0
B3L0410060	4 + 1	6 + 1.5	18	13.7	411.0
B3L0500010	5	1	17	7.5	98.0
B3L0510010	5 + 1	1 + 2.5	17	9.0	132.0
B3L07000075	7	0.75	18	7.3	101.0
B3L0700015	7	1.5	16	10.3	185.0
B3L0810015	8 + 5	1.5 + 2.5	16	14.8	360.0
B3L0910015	9 + 4	1.5 + 2.5	16	14.8	350.0
B3L1010015	10 + 3	1.5 + 2.5	16	12.5	366.0
B3L1020015	10 + 3 + 2	1.5 + 2.5 + 1.5	16	14.4	393.0
B3L1110015	11 + 3	1.5 + 2.5	16	13.5	365.0

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.