

LV HD 626 S1 Aerial Bundle Cable (ABC) 1kV



Eland Product Group:C1C

APPLICATION

Aerial Bundle Cable (ABC) low voltage cable for overhead power distribution offering higher level of safety and reliability and lower power losses than bare conductors.

CHARACTERISTICS

Voltage Rating

0.6/1kV

Test Voltage

4kV

Operating Temperature

-40°C to +90°C

Minimum Bending Radius

18 x overall diameter

CONSTRUCTION

Phase Conductor

Class 2 Circular compacted stranded Aluminium

Neutral Conductor

Class 2 Circular compacted stranded Aluminium

Insulation

XLPE (Cross-linked polyethylene) UV Resistant

Core Identification

Phases by longitudinal ribs (I, II, III)

Neutral core by longitudinal ribs ($\leq 50 \text{ mm}^2$ min.12 ribs; $\geq 50 \text{ mm}^2$ min.16 ribs)

Sheath Colour

● Black

STANDARDS

HD 626 S1

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 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 NUMBER	NUMBER CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT KG/KM	MINIMUM BREAKING LOAD KN	MAXIMUM CONDUCTOR RESISTANCE Ω/Km	CURRENT RATING A
C1C02016	2	16	72	147	1.910	1.910	2.5
C1C02025	2	25	107	208	1.200	1.200	4.0
C1C02035	2	35	132	277	0.868	0.868	5.5
C1C02050	2	50	165	361	0.641	0.641	8.0
C1C04016	4	16	72	286	1.910	1.910	2.5
C1C04025	4	25	107	430	1.200	1.200	4.0
C1C04035	4	35	132	553	0.868	0.868	5.5
C1C04050	4	50	165	746	0.641	0.641	8.0
C1C04070	4	70	205	1009	0.443	0.443	10.7
C1C04095	4	95	240	1332	0.320	0.320	13.7
C1C04120	4	120	290	1632	0.253	0.253	18.6
C1C04035/1X35	4+1	35/35	132/132	694	0.868/0.868	0.868/0.868	5.5/5.5
C1C04050/1X25	4+1	50/25	165/107	814	0.641/1.200	0.641/1.200	8.0/4.0
C1C04050/1X35	4+1	50/35	165/132	845	0.641/0.868	0.641/0.868	8.5/5.5
C1C04070/1X25	4+1	70/25	205/107	1105	0.443/1.200	0.443/1.200	10.7/4.0
C1C04070/2X25	4+2	70/25/25	205/107	1217	0.443/1.200	0.443/1.200	10.7/4.0
C1C04070/1X35	4+2	70/35	205/132	1150	0.443/0.868	0.443/0.868	10.7/5.5
C1C04070/2X35	4+2	70/35/35	205/132	1289	0.443/0.868	0.443/0.868	10.7/5.5
C1C04095/1X25	4+1	95/25	240/107	1438	0.320/1.200	0.320/1.200	13.7/4.0
C1C04095/1X35	4+1	95/35	240/132	1467	0.320/0.868	0.320/0.868	13.7/5.5
C1C04095/2X25	4+2	95/25/25	240/107	1544	0.320/1.200	0.320/1.200	13.7/4.0