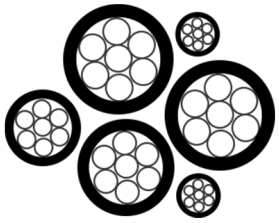
LV HD 626 S1
Aerial Bundle Cable (ABC) 1kV



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.

STANDARDS

HD 626 S1

CHARACTERISTICS

Voltage Rating
0.6/1 kV
Test Voltage
4 kV
Operating Temperature
-40° C to +90° C
Minimum Bending Radius
18 x overall diameter

CABLE LABORATORY

We have state-of-the-art laboratory facilities and cutting-edge testing equipment, supported by a strict quality control protocol throughout the entire production process. Every production batch undergoes comprehensive technical tests prior to shipment. Only products that meet the most stringent quality standards are approved for distribution. This ensures our products deliver outstanding stability, reliability and durability, fully complying with customers' technical specifications and requirements.

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 ($\leqslant$ 50 mm^2 min.12 ribs; $\geqslant$ 50mm^2 min.16 ribs)

DEDICATION TO SUSTAINABILITY

At CJDL Cable, we are fully committed to ecological transition and environmental protection. We actively push forward decarbonization goals, steadily moving toward a zero-emission business model.
To this end, we keep pursuing technological innovation to improve energy efficiency and cut pollutant emissions. Meanwhile, we optimize manufacturing processes to reduce environmental impact, securing sound, responsible and sustainable long-term growth for the company.

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DIMENSIONS

NUMBER CORES	NOMINAL CROSS SECTIONAL AREA mm²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT KG/KM	MINIMUM BREAKING LOAD KN	MAXIMUM CONDUCTOR RESISTANCE Ω/Km	CURRENT RATING A
2	16	72	147	1.910	1.910	2.5
2	25	107	208	1.200	1.200	4.0
2	35	132	277	0.868	0.868	5.5
2	50	165	361	0.641	0.641	8.0
4	16	72	286	1.910	1.910	2.5
4	25	107	430	1.200	1.200	4.0
4	35	132	553	0.868	0.868	5.5
4	50	165	746	0.641	0.641	8.0
4	70	205	1009	0.443	0.443	10.7
4	95	240	1332	0.320	0.320	13.7
4	120	290	1632	0.253	0.253	18.6
4+1	35/35	132/132	694	0.868/0.868	0.868/0.868	5.5/5.5
4+1	50/25	165/107	814	0.641/1.200	0.641/1,200	8.0/4.0
4+1	50/35	165/132	845	0.641/0.868	0.641/0.868	8.5/5.5
4+1	70/25	205/107	1105	0.443/1.200	0.443/1.200	10.7/4.0
4+2	70/25/25	205/107	1217	0.443/1.200	0.443/1.200	10.7/4.0
4+2	70/35	205/132	1150	0.443/0.868	0.443/0.868	10.7/5.5
4+2	70/35/35	205/132	1289	0.443/0.868	0.443/0.868	10.7/5.5
4+1	95/25	240/107	1438	0.320/1.200	0.320/1.200	13.7/4.0
4+1	95/35	240/132	1467	0.320/0.868	0.320/0.868	13.7/5.5
4+2	95/25/25	240/107	1544	0.320/1.200	0.320/1.200	13.7/4.0

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