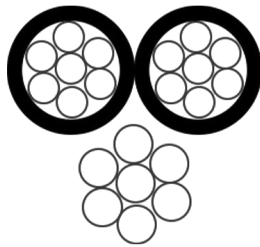


LV BS7870 Aerial Bundle Cable (ABC) 1kV

Overhead cable

CJDL Cable



➤ APPLICATION

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

➤ STANDARDS

BS 7870

➤ 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 ($\leq 50 \text{ mm}^2$ min.12 ribs; $\geq 50 \text{ mm}^2$ 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.

DIMENSIONS

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
1	16	8.0	74	2.5	1.910	72
1	25	9.0	106	4.0	1.200	107
1	35	10.5	138	5.5	0.868	132
1	50	11.8	182	8.0	0.641	165
1	70	13.0	252	10.7	0.443	205
1	95	15.4	333	13.7	0.320	240
1	120	17.0	408	18.6	0.253	290
1	150	19.0	502	23.2	0.206	334
1	185	21.0	611	28.7	0.164	389
1	240	24.0	801	37.2	0.125	467
2	16	15.6	147	2.5	1.910	72
2	25	18.0	208	4.0	1.200	107
2	35	20.0	277	5.5	0.868	132
2	50	23.5	361	8.0	0.641	165
2	70	25.4	505	10.7	0.443	205
2	95	30.3	666	13.7	0.320	240
2	150	38.0	1004	23.2	0.206	334
4	16	18.8	286	2.5	1.910	72
4	25	21.2	430	4.0	1.200	107
4	35	24.1	553	5.5	0.868	132
4	50	27.8	746	8.0	0.641	165
4	70	31.8	1009	10.7	0.443	205
4	95	37.8	1332	13.7	0.320	240
4	120	54.4	1632	18.6	0.253	290
4+1	50+25	319	814	8.0/4.0	0.641/1.200	165/107
4+1	50+35	319	845	8.5/5.5	0.641/0.868	165/132
4+1	70+25	360	1105	10.7/4.0	0.443/1.200	205/107
4+2	70+25+25	400	1217	10.7/4.0	0.443/1.200	205/107
4+1	95+25	418	1438	13.7/4.0	0.320/1.200	240/107
4+2	95+25+25	420	1544	13.7/4.0	0.320/1.200	240/107
4+1	120+25	590	2050	18.6/4.0	0.253/1.200	290/107