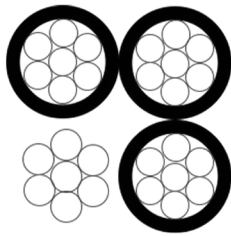


LV AS/NZS 3560 P1 Aerial Bundle Cable (ABC) 1kV

Overhead cable

CJDL Cable



➤ APPLICATION

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

➤ STANDARDS

AS/NZS 3560 Part 1

➤ CHARACTERISTICS

Voltage Rating

0.6/1 kV

Test Voltage

4 kV

Operating Temperature

de -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 (≤ 50 mm² min.12 ribs; ≥ 50 mm² 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
2	16	15.0	140	4.4	1.910	78
2	25	17.6	210	7.0	1.200	105
2	35	19.6	270	9.8	0.868	125
2	50	22.8	370	11.4	0.641	150
2	95	30.6	680	15.3	0.320	230
3	25	19.0	310	8.8	1.200	97
3	35	21.1	410	9.8	0.868	120
3	50	24.6	550	11.4	0.641	140
4	16	18.1	290	8.8	1.910	74
4	25	21.2	410	14.0	1.200	97
4	35	23.7	550	19.6	0.868	120
4	50	27.5	740	28.0	0.641	140
4	70	31.9	1000	39.2	0.443	175
4	95	36.9	1370	53.2	0.320	215
4	120	40.6	1690	67.2	0.253	250
4	150	43.9	2020	84.0	0.206	280