

ABC-LV AS/NZS 3560 P1 Aerial Bundle Cable 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

AS/NZS 3560 Part 1

CHARACTERISTICS

Voltage Rating U₀/U
0.6/1kV

Test Voltage
4kV

Operating Temperature
-40°C to +90°C

Minimum Bending Radius
18 x overall diameter

THE CABLE TEST

We have world-class testing facility, and made rigorous testing regime, every meter of cable before leaving the factory must go through strict testing, testing qualified products will be shipped to customers, effectively ensure product quality and meet customer 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)

SUSTAINABILITY COMMITMENT

Henan CJDL Cable actively implements the "carbon reduction" goal, strives to promote the green's low-carbon transformation, strengthens energy-saving and emission reduction technology innovation, and promotes the company's healthy and sustain-able development.

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

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.