

ABC Aerial Bundle Cable



APPLICATION

For distribution low power overhead networks in metropolitan, urban and rural areas. For supply of remote facilities and villages of temporary and permanent character. For above-ground house connections.

STANDARDS

BS 7870-5, HD 626 S1, EN 60228,

CHARACTERISTICS

Voltage Rating U_o/U
0.6/1kV

Test Voltage
4kV

Temperature Rating
Minimum temperature for cable laying: -5°C
Maximum working temperature: 75°C
Maximum short-circuit temperature: 250°C

CONSTRUCTION

Phase Conductor
Class 2 stranded Aluminium

Neutral Conductor
Class 2 stranded Aluminium

Insulation
XLPE (Cross-linked polyethylene) compound TIX 2

Insulation Colour
Black

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)

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.

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

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL INSULATION THICKNESS mm	MAX DIAMETER PHASE CONDUCTOR (EXC. RIBS) mm	MAX DIAMETER NEUTRAL CORE (INC. RIBS) mm	NOMINAL WEIGHT kg/km
2	25	1.3	9.7	10.2	200
2	35	1.3	10.7	11.2	266
2	50	1.5	12.1	12.6	374
2	70	1.5	13.8	14.3	506
2	95	1.7	16.1	16.6	681
2	120	1.7	17.6	18.1	816
3	25	1.3	9.7	10.2	318
3	35	1.3	10.7	11.2	414
3	50	1.5	12.1	12.6	545
3	70	1.5	13.8	14.3	756
3	95	1.7	16.1	16.6	999
3	120	1.7	17.6	18.1	1224
5	25	1.3	9.7	10.2	530
5	35	1.3	10.7	11.2	690
5	50	1.5	12.1	12.6	910
5	70	1.5	13.8	14.3	1260
5	95	1.7	16.1	16.6	1665
5	120	1.7	17.6	18.1	2040

NOMINAL CROSS SECTIONAL AREA mm ²	MAX DC RESISTANCE OF CONDUCTOR IN BUNDLE AT 20oC ohms/km	CURRENT CARRYING CAPACITY IN FREE AIR Amps	MINIMUM TENSILE STRENGTH OF CONDUCTOR kN
25	1.20	107	4.1
35	0.868	132	5.6
50	0.641	165	7.6
70	0.443	205	11.0
95	0.320	258	15.3
120	0.253	300	19.4

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.