

ABC-LV TNB IEC 60502-1 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

TNB Specification (IEC 60502-1)

CHARACTERISTICS

Voltage Rating
0.6/1kV

Test Voltage
4kV

Operating Temperature
-40°C to +90°C

Minimum Bending Radius
18 x overall diameter

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)

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

| 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 |
|--------------|---|--------------------------------|-------------------------|-----------------------------|--------------------------------------|------------------|
| 3+1 | 16/25 | 19.0 | 290 | 4.0 | 1.200 | 107 |
| 3+1 | 25/25 | 23.2 | 400 | 5.5 | 0.868 | 132 |
| 3+1 | 35/25 | 25.6 | 500 | 8.0 | 0.641 | 165 |
| 3+1 | 50/35 | 30.0 | 680 | 10.7 | 0.443 | 205 |
| 3+1 | 70/50 | 34.9 | 920 | 13.7 | 0.320 | 240 |
| 3+1 | 95/70 | 40.6 | 1270 | 18.6 | 0.253 | 290 |
| 3+1 | 120/95 | 44.1 | 1510 | 23.2 | 0.206 | 334 |
| 3+1 | 150/120 | 49.2 | 1870 | 28.7 | 0.164 | 389 |
| 3+1 | 185/120 | 54.9 | 2340 | 37.2 | 0.125 | 467 |
| 3+2 | 25/25/16 | 23.2 | 470 | 2.5 | 1.910 | 72 |
| 3+2 | 35/25/16 | 25.6 | 560 | 4.0 | 1.200 | 107 |
| 3+2 | 50/35/16 | 30.0 | 740 | 5.5 | 0.868 | 132 |
| 3+2 | 70/50/16 | 34.9 | 980 | 8.0 | 0.641 | 165 |
| 3+2 | 95/70/16 | 40.6 | 1330 | 10.7 | 0.443 | 205 |
| 3+2 | 120/70/16 | 44.1 | 1580 | 13.7 | 0.320 | 240 |
| 3+2 | 150/95/16 | 49.2 | 1940 | 23.2 | 0.206 | 334 |
| 3+2 | 185/120/16 | 54.9 | 2410 | 2.5 | 1.910 | 72 |

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..