



➤ APPLICATION

For low power distribution 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 Uo/U

0.6/1 kV

Test Voltage

4 kV

Temperature Rating

Minimum temperature for cable laying: -5° C

Maximum working temperature: 75° C

Maximum short-circuit temperature: 250° C

Minimum Bending Radius

12 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 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)

➤ 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

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 20°C 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