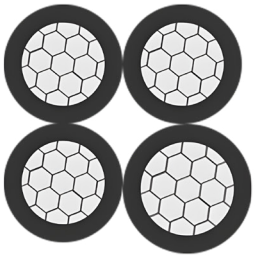
LV NF C33-209
Aerial Bundle Cable (ABC) 1kV

CJDL Cable



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

NF C33-209

CHARACTERISTICS

Voltage Rating
0.6/1 kV
Test Voltage
4 kV
Operating Temperature
-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 ($\leqslant$ 50 mm^2 min.12 ribs; $\geqslant$ 50 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.

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DIMENSIONS

NUMBER CORES	NOMINAL CROSS SECTIONAL AREA mm²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT KG/KM	MINIMUM BREAKING LOAD KN	MAXIMUM CONDUCTOR RESISTANCE Ω/Km	CURRENT RATING A
2	10	12.8	93	1.5	3.080	38
2	16	14.8	129	2.3	1.910	72
2+2	16/1.5	14.8	176	2.3	1.910/12.100	72
2	25	18.0	202	3.8	1.200	107
2+2	25/1.5	18.0	249	3.8	1.200/12.100	107
2	35	20.8	269	5.2	0.868	132
2+2	35/1.5	20.8	316	5.2	0.868/12.100	132
2	50	23.4	352	7.6	0.641	165
2+2	50/1.5	23.4	399	7.6	0.641/12.100	165
4	10	15.4	183	1.5	3.080	38
4	16	17.8	257	2.3	1.910	72
4+2	16/1.5	17.8	304	2.3	1.910/12.100	72
4	25	21.7	404	3.8	1.200	107
4+2	25/1.5	21.7	451	3.8	1.200/12.100	107
4	35	25.1	539	5.2	0.868	132
4+2	35/1.5	25.1	586	5.2	0.868/12.100	132
1+3	54.6/25	21.7	507	3.8	0.630/1.200	107
1+3+1	54.6/25/16	24.3	573	3.8/2.3	0.630/1.200/1.910	107/72
1+3+2	54.6/25/16	29.7	639	3.8/2.3	0.630/1.200/1.910	107/72
1+3+3	54.6/25/16	31.1	705	3.8/2.3	0.630/1.200/1.910	107/72
1+3	54.6/35	25.1	615	5.2	0.630/0.868	132
1+3+1	54.6/35/16	28.1	680	5.2/2.3	0.630/0.868/1.910	132/72
1+3+2	54.6/35/16	34.3	748	5.2/2.3	0.630/0.868/1.910	132/72
1+3+3	54.6/35/16	35.9	814	5.2/2.3	0.630/0.868/1.910	132/72
1+3+1	54.6/35/25	28.1	714	5.2/3.8	0.630/0.868/1.200	132/107
1+3	54.6/50	28.2	741	7.6	0.630/0.641	165
1+3+1	54.6/35/25	31.6	806	7.6/2.3	0.630/0.641/1.910	165/72
1+3+2	54.6/35/25	38.6	875	7.6/2.3	0.630/0.641/1.910	165/72
1+3+3	54.6/35/25	40.4	940	7.6/2.3	0.630/0.641/1.910	165/72
1+3+1	54.6/50/25	31.6	841	7.6/3.8	0.630/0.641/1.200	165/107
1+3	54.6/70	33.0	950	10.2	0.630/0.443	205
1+3+1	54.6/70/16	37.0	1014	10.2/2.3	0.630/0.443/1.910	205/72
1+3+2	54.6/70/16	45.2	1083	10.2/2.3	0.630/0.443/1.910	205/72
1+3+3	54.6/70/16	47.3	1148	10.2/2.3	0.630/0.443/1.910	205/72
1+3+1	54.6/70/25	37.0	1048	10.2/3.8	0.630/0.443/1.200	205/107
1+3+2	54.6/70/25	45.2	1150	10.2/3.8	0.630/0.443/1.200	205/107
1+3+3	54.6/70/25	47.3	1250	10.2/3.8	0.630/0.443/1.200	205/107
1+3	54.6/95	37.4	1176	13.5	0.630/0.320	240
1+3+1	54.6/95/16	41.9	1243	13.5/2.3	0.630/0.320/1.910	240/72

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