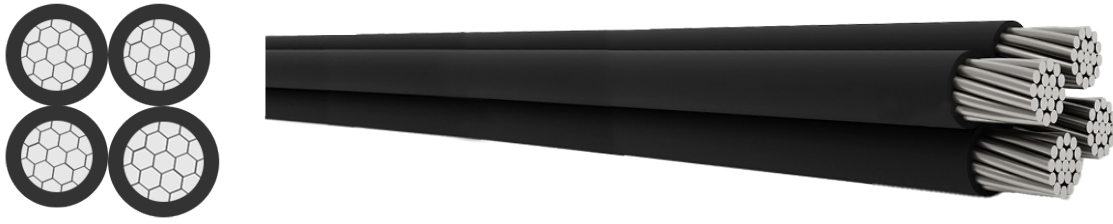


ABC-LV NF C33-209 Aerial Bundle Cable 1kV



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

NF C33-209

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
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

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.