

Multi-core ABC Cable



APPLICATION

ABC cable, also known as overhead bundled cable, is available in 1-core, 2-core, 3-core and 4-core configurations, namely covered line wire, duplex service drop, triplex service drop and quadruple service drop. Its constructions include fully insulated conductors, two insulated cores paired with one bare neutral conductor, three insulated cores paired with one bare neutral conductor, as well as conductors made of pure aluminum or a mixture of pure aluminum and aluminum alloy strands.

CHARACTERISTICS

Voltage Rating U_0/U

0.6/1kV、6/10kV

Operating Temperature

-40°C to +90°C

STANDARDS

BS 7870、IEC 60502、HD 626 S1、NFC 33-209、AS/NZS 3560-1

CONSTRUCTION

Conductor

Aluminium conductor

Insulation

XLPE

Insulation Colour

Black; customization is available

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

Guowang 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 sustainable development.

ELECTRICAL CHARACTERISTICS

0.6/1kV					
No.X No.CROSS SECTION OF CORES	OVERALL DIAMETER	WEIGHT	MINIMUM BREAKING LOAD	MAXIMUM CONDUCTOR RESISTANCE	CURRENT RATING
No. X mm ²	mm	kg/km	KN	Ω/Km	A
1x16+1x25 RM	15.3	160	2.5	1.91	72
3x16+1x25 RM	19	290	4	1.2	107
3x25+1x25 RM	23.2	400	5.5	0.868	132
3x35+1x25 RM	25.6	500	8	0.641	165
3x50+1x35 RM	30	680	10.7	0.443	205
3x70+1x50 RM	34.9	920	13.7	0.32	240
3x95+1x70 RM	40.6	1270	18.6	0.253	290
3x120+1x70 RM	44.1	1510	23.2	0.206	334
3x150+1x95 RM	49.2	1870	28.7	0.164	389
3x185+1x120 RM	54.9	2340	37.2	0.125	467
3x25+1x25+1x16 RM	23.2	470	2.5	1.91	72
3x35+1x25+1x16 RM	25.6	560	4	1.2	107
3x50+1x35+1x16 RM	30	740	5.5	0.868	132
3x70+1x50+1x16 RM	34.9	980	8	0.6	165
3x95+1x70+1x16 RM	40.6	1330	10.7	0.443	205
3x120+1x70+1x16 RM	44.1	1580	13.7	0.32	240
3x150+1x95+1x16 RM	49.2	1940	23.2	0.206	334
3x185+1x120+1x16 RM	54.9	2410	2.5	1.91	72

6/10kV							
NUMBER OF CORES	NOMINAL SECTIONAL AREA	PHASE CONDUCTOR STRANDING	SUPPORT CONDUCTOR STRANDING	MAXIMUM CONDUCTOR RESISTANCE	BREAKING LOAD	CONTINUOUS CURRENT RATING AT 30°C AMBIENT TEMP	NOMINAL CROSS SECTION
	mm ²	NO.X mm ²	NO.X mm ²	Ω/Km	KN	A	mm ²
3+1	50/25	19/1.78	7/3.0	0.641/0.868	60	116	50
3+1	70/50	19/2.14	7/3.15	0.443/0.641	62	210	70
3+1	95/50	19/2.52	7/3.0	0.253/0.641	60	173	95
3+1	150/50	37/2.25	7/3.15	0.206/0.641	62	365	120
3+1	185/120	37/2.52	7/4.67	0.164/0.206	150	259	150
3+1	240/50	61/2.25	7/3.15	0.125/0.641	62	500	185