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河南泰诺电缆有限公司

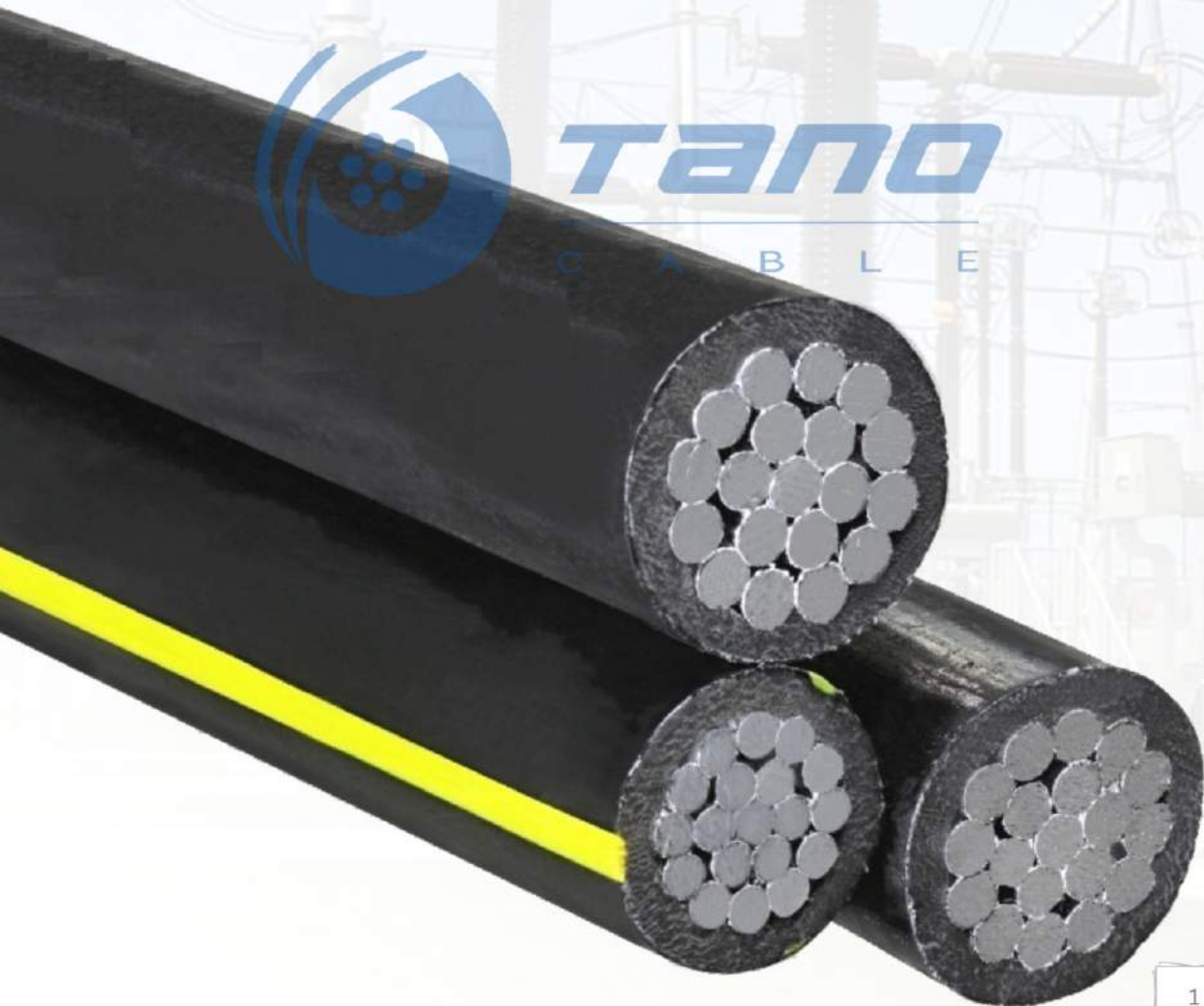
HENAN TANO CABLE CO.,LTD.

LV ABC to NFC 33 - 209 STANDARD



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Henan Tano Cable Co., Ltd.(Tano Cable for short), is a leading and professional manufacturer of cable and wire with more than 20 years' history and manufacturing experience, located in Zhengzhou city which is the capital of Henan province, China.

Tano Cable aims at providing integral power solution for international customers. We are working together as one company to provide products and technologies for building, maintaining and advancing the power and information infrastructures that connect the world. We mainly have the following products with strong competitiveness: All Aluminum Conductors (AAC), All Aluminum Alloy Conductors (AAAC), Aluminum Conductors Steel Reinforcement (ACSR) , Aerial Bundled Cables (ABC), building wire, welding cable, control cable, instrument cable, rubber cable, PVC insulated power cable, XLPE insulated power cable up to 500KV, customer-tailored cable and cable accessories, conforming to many different Country or international standard, such as IEC, HAR, BS, DIN, ICEA, ASTM, SABS, AS/NZS, JIS and so on.

Tano Cable pays great importance on the quality. We have strong teams and equipments for both production and inspection. Moreover, we have been awarded many certificates of ISO, CE, SONCAP, others from China and abroad. We keep improving our quality management system to meet the client's final satisfaction.

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Tano Cable has provided services to the global clients who working in all areas of the energy, construction, industrial, specialty and communications market, and obtained the client's trust and compliment.

Welcome your any inquiry! Welcome your any visit! Welcome your any contact! We will take our biggest sincerity to be your long-term friend and partner.





LV Aerial Bundled Conductor (ABC) Cables to NFC 33 – 209 Standard

APPLICATION

Aerial Bundle Cable (ABC cable) is a very innovative concept for overhead power distribution as compared to the conventional bare conductor overhead distribution system. It provides higher level of safety and reliability, lower power losses and ultimate system economy by reducing installation, maintenance and operative cost.

Tano Cable LV Aerial Bundle Cables are designed to supply 600/1000 volt aerial service for temporary service at construction sites, as a service drop (power pole to service entrance), as a secondary cable (pole to pole) or street lighting. This over-head cable provides reinforced insulation acc. IEC 61140 and fulfill therefore Class II acc. IEC 61140. It is not flame retardant. But this could be if requested change to a flame retardant cable.



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STANDARD

Basic design to NFC 33 – 209 standard.

CONSTRUCTION

Conductor: Aluminium conductor, round stranded compressed (RM).

Insulation: XPLE compound, UV-resistant.

Core identification: 1, 2 resp. 3 raised longitudinal ribs on the surface of the cores. The surface of the neutral core should have at least 12 ribs for cross-sections up to 50 mm² and a minimum of 16 ribs for cores above 50 mm². In the case of five core bundles the surface of the protective core should be smooth.

ELECTRICAL PROPERTIES

Rated Voltage	0.6/1kV
Test Voltage	4 Veff kV
Minimum Laying Temperature	-20°C
Operating Temperature	-40°C~ +90°C
Maximum Short-circuit Temperature	250°C
Maximum Conductor Temperature	80°C
Minimum Bending Radius	18×OD

CONSTRUCTION PARAMETERS

Number of Cores xNominal Cross Section	Overall Diameter	Weight	Maximum Conductor Resistance	Minimum Breaking Load	Current Rating
No. xmm ²	mm	Kg/Km	Ω/Km	KN	A
2x10 RM	12.8	93	3.08	1.5	38
4x10 RM	15.4	183	3.08	1.5	38
2x16 RM	14.8	129	1.91	2.3	72
2x16 RM + 2x1.5 RE	14.8	176	1.910/12.100	2.3	72
4x16 RM	17.8	257	1.91	2.3	72
4x16 RM + 2x1.5 RE	17.8	304	1.910/12.100	2.3	72
2x25 RM	18	202	1.2	3.8	107
2x25 RM + 2x1.5 RE	18	249	1.200/12.100	3.8	107
4x25 RM	21.7	404	1.2	3.8	107
4x25 RM + 2x1.5 RE	21.7	451	1.200/12.100	3.8	107
2x35 RM	20.8	269	0.868	5.2	132
2x35 RM + 2x1.5 RE	20.8	316	0.868/12.100	5.2	132
4x35 RM	25.1	539	0.868	5.2	132
4x35 RM + 2x1.5 RE	25.1	586	0.868/12.100	5.2	132
2x50 RM	23.4	352	0.641	7.6	165
2x50 RM + 2x1.5 RE	23.4	399	0.641/12.100	7.6	165
1x54.6 RM + 3x25 RM	21.7	507	0.630/1.200	3.8	107
1x54.6 RM + 3x25 RM + 1x16 RM	24.3	573	0.630/1.200/1.910	3.8/2.3	107/72
1x54.6 RM + 3x25 RM + 2x16 RM	29.7	639	0.630/1.200/1.910	3.8/2.3	107/72
1x54.6 RM + 3x25 RM + 3x16 RM	31.1	705	0.630/1.200/1.910	3.8/2.3	107/72
1x54.6 RM + 3x35 RM	25.1	615	0.630/0.868	5.2	132
1x54.6 RM + 3x35 RM + 1x16 RM	28.1	680	0.630/0.868/1.910	5.2/2.3	132/72
1x54.6 RM + 3x35 RM + 2x16 RM	34.3	748	0.630/0.868/1.910	5.2/2.3	132/72
1x54.6 RM + 3x35 RM + 3x16 RM	35.9	814	0.630/0.868/1.910	5.2/2.3	132/72

1x54.6 RM + 3x35 RM + 1x25 RM	28.1	714	0.630/0.868/1.200	5.2/3.8	132/107
1x54.6 RM + 3x50 RM	28.2	741	0.630/0.641	7.6	165
1x54.6 RM + 3x50 RM + 1x16 RM	31.6	806	0.630/0.641/1.910	7.6/2.3	165/72
1x54.6 RM + 3x50 RM + 2x16 RM	38.6	875	0.630/0.641/1.910	7.6/2.3	165/72
1x54.6 RM + 3x50 RM + 3x16 RM	40.4	940	0.630/0.641/1.910	7.6/2.3	165/72
1x54.6 RM + 3x50 RM + 1x25 RM	31.6	841	0.630/0.641/1.200	7.6/3.8	165/107
1x54.6 RM + 3x70 RM	33	950	0.630/0.443	10.2	205
1x54.6 RM + 3x70 RM + 1x16 RM	37	1014	0.630/0.443/1.910	10.2/2.3	205/72
1x54.6 RM + 3x70 RM + 2x16 RM	45.2	1083	0.630/0.443/1.910	10.2/2.3	205/72
1x54.6 RM + 3x70 RM + 3x16 RM	47.3	1148	0.630/0.443/1.910	10.2/2.3	205/72
1x54.6 RM + 3x70 RM + 1x25 RM	37	1048	0.630/0.443/1.200	10.2/3.8	205/107
1x54.6 RM + 3x70 RM + 2x25 RM	45.2	1150	0.630/0.443/1.200	10.2/3.8	205/107
1x54.6 RM + 3x70 RM + 3x25 RM	47.3	1250	0.630/0.443/1.200	10.2/3.8	205/107
1x54.6 RM + 3x95 RM	37.4	1176	0.630/0.320	13.5	240
1x54.6 RM + 3x95 RM + 1x16 RM	41.9	1243	0.630/0.320/1.910	13.5/2.3	240/72

Other cross-sections can be offered upon request.





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