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河南泰诺电缆有限公司

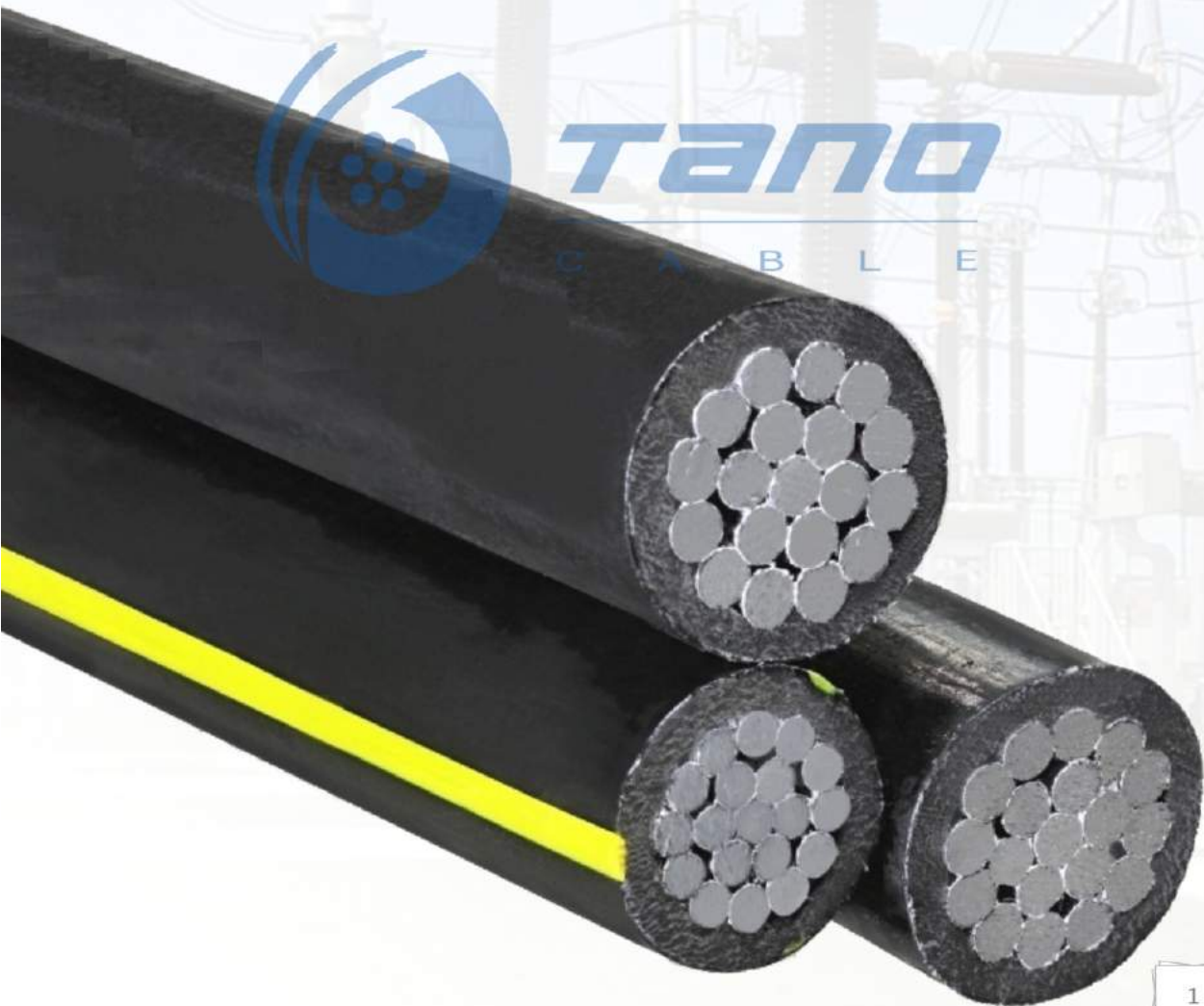
HENAN TANO CABLE CO.,LTD.

LV ABC to HD 626 S1 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 HD 626 S1 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.

STANDARD

Basic design to HD 626 S1 standard.



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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 V _{eff} 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 X Nominal Cross Section	Overall Diameter	Weight	Minimum Breaking Load	Current Rating
No.×mm ²	mm	Kg/Km	KN	A
2x16 RM	72	147	1,910	2,5
2x25 RM	107	208	1,200	4,0
2x35 RM	132	277	0,868	5,5
2x50 RM	165	361	0,641	8,0
4x16 RM	72	286	1,910	2,5
4x25 RM	107	430	1,200	4,0
4x35 RM	132	553	0,868	5,5
4x50 RM	165	746	0,641	8,0
4x70 RM	205	1009	0,443	10,7
4x95 RM	240	1332	0,320	13,7
4x120 RM	290	1632	0,253	18,6
4x35 + 1x35 RM	132/132	694	0,868/0,868	5,5/5,5
4x50 + 1x25 RM	165/107	814	0,641/1,200	8,0/4,0
4x50 + 1x35 RM	165/132	845	0,641/0,868	8,5/5,5
4x70 + 1x25 RM	205/107	1105	0,443/1,200	10,7/4,0
4x70 + 2x25 RM	205/107	1217	0,443/1,200	10,7/4,0
4x70 + 1x35 RM	205/132	1150	0,443/0,868	10,7/5,5
4x70 + 2x35 RM	205/132	1289	0,443/0,868	10,7/5,5
4x95 + 1x25 RM	240/107	1438	0,320/1,200	13,7/4,0
4x95 + 1x35 RM	240/132	1467	0,320/0,868	13,7/5,5
4x95 + 2x25 RM	240/107	1544	0,320/1,200	13,7/4,0

Other cross-sections can be offered upon request.



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