



TANO

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河南泰诺电缆有限公司

HENAN TANO CABLE CO.,LTD.



BUILDING WIRE to ASTM 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.





APPLICATION

The XHH conductor is suitable for most current wiring solutions for residential, commercial and industrial applications. Because of its excellent response under overload and short-circuit situations, it is used in service entrance even underground installations. The XHH conductor is able to work properly up to 90°C in dry environmental conditions. Its insulation is flame retardant, besides, it provides mechanical resistance against to humidity, chemical agents and oils. Its black pigmentation resist very well the ultraviolet sun light, therefore it could be used with no issue in outside applications. Conductors certified with suffix “-2”, as XHH-2, these can meet a continuous operation temperature of 90°C(194°F) in dry or wet conditions

STANDARD

ASTM B3, B8

UL 1581 - Flame Exposure Test

UL 44 - Thermoset-Insulated Wires and Cables

National Electrical Code (NEC)



CONSTRUCTION



Solid or stranded bare copper conductor

Cross-Linked Polyethylene insulation

Conductor: Solid or stranded bare annealed copper

Insulation: Cross-linked polyethylene(XLPE)

Color: upon request, black is preferable

AWG	Strand	Thickness		Nominal Overall Diameter		Cable Weight	
		Inch	mm	Inch	mm	Lbs/ft	kg/km
14	1	0.03	0.76	0.124	3.15	16	24

12	1	0.03	0.76	0.141	3.58	24	36
10	1	0.03	0.76	0.162	4.11	37	55
8	1	0.045	1.14	0.218	5.55	61	91
6	1	0.045	1.14	0.252	6.4	93	138
14	7	0.03	0.76	0.133	3.37	17	26
12	7	0.03	0.76	0.152	3.85	26	39
10	7	0.03	0.76	0.176	4.46	39	58
8	7	0.045	1.14	0.236	5.99	65	96
6	7	0.045	1.14	0.274	6.95	98	146
4	19	0.045	1.14	0.316	8.04	148	220
3	19	0.045	1.14	0.344	8.75	184	274
2	19	0.045	1.14	0.376	9.54	229	341
1	19	0.045	1.14	0.431	10.94	292	434
1/0	19	0.055	1.4	0.47	11.94	364	541
2/0	19	0.055	1.4	0.514	13.07	453	674
3/0	19	0.055	1.4	0.564	14.33	566	842
4/0	19	0.055	1.4	0.62	15.75	708	1053
250	37	0.065	1.65	0.706	17.93	838	1247
300	37	0.065	1.65	0.761	19.33	999	1486
350	37	0.065	1.65	0.812	20.62	1159	1725
400	37	0.065	1.65	0.859	21.82	1319	1963
500	37	0.065	1.65	0.945	24	1639	2439
600	61	0.08	2.03	1.053	26.75	1980	2946
750	61	0.08	2.03	1.169	29.44	2459	3660
1000	61	0.08	2.03	1.313	33.35	3256	4845



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