



TANO

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河南泰诺电缆有限公司

HENAN TANO CABLE CO.,LTD.

COVERED LINE WIRE



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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.





Covered Line Wire

APPLICATION

Used primarily for, but not limited to, overhead secondary distribution lines. Installed on insulators, otherwise treated as a bare conductor.

STANDARD

Tano Cable's covered line wire meets or exceeds the following ASTM specifications:

- B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
- B-231 Aluminum Conductors, Concentric-Lay-Stranded.
- B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR).
- B-399 Concentric-Lay-Stranded 6201-T81 Aluminum Alloy Conductors.

Tano Cable's covered line conductors meet all applicable requirements of ANSI/ICEA S-70-547.

CONSTRUCTION

Aluminum alloy 1350-H19, 6201, or ACSR conductors, concentrically stranded. Covered with polyethylene or crosslinked polyethylene (XLP).

TECHNICAL DATA

Code	Equiv Dia. (AWG)	Size (kcmil)	Stranding	Cover Thickness (mils)	Total Diameter (mils)	Rated Strength (lbs.)	Weight Per 1000 ft. (lbs.)			Allowable Ampacity+
							XLP	Conv. Poly	HD Poly	
6201 ALUMINUM Alloy										
Hornbeam	4	48.69	7	30	310	1360	60	60	--	145
Linden	2	77.47	7	45	406	2160	99	99	--	190
Oilnut	1/0	123.3	7	60	518	3440	159	159	--	250
Waterash	2/0	155.4	7	60	567	4160	195	195	--	290
Shelbark	3/0	195.7	7	60	622	5240	240	240	--	335
Planetree	4/0	246.9	7	60	683	6610	297	297	--	385
*Diameter equivalent to ACSR construction or 1350 aluminum equivalent.										
+Ampacity ratings based on 75°C conductor temperature 25°C ambient temperature elevation - sea level.										
Emissivity 0.91 coefficient of absorption 0.95. Thermal resistivity of covering - 375°C M /Watt-CM.										
Wind speed 2 ft./sec. in sun.										

Code	Size (AWG Or kcmil)	Stranding	Cover Thickness (mils)	Total Diameter (mils)	Rated Strength (lbs.)	Weight Per 1000 ft. (lbs.)			Allowable Ampacity+
						XLP	Conv. Poly	HD Poly	
ALL ALUMINUM									
Apple	6	1	30	222	445	31	31	—	105
Plum	6	7	30	238	510	56	34	—	105
Pear	4	1	30	254	710	47	47	—	135
Apricot	4	7	30	285	790	51	51	—	140
Cherry	2	1	45	348	1100	78	78	—	180
Peach	2	7	45	373	1220	84	84	85	180
Nectarine	1	7	45	408	1470	104	104	—	210
Quince	1/0	7	60	477	1790	136	136	—	240
Orange	2/0	7	60	522	2260	167	167	—	280
Fig	3/0	7	60	570	2740	205	205	—	320
Olive	4/0	7	60	626	3450	253	253	—	370
Pomegranate	4/0	19	60	632	3620	247	247	—	370
Mulberry	266.8	19	60	694	4470	305	305	—	430
Annona	336.4	19	60	755	5540	377	377	—	495
Molles	397.5	19	80	861	6400	462	462	—	545
Huckleberry	477	37	80	931	7820	538	538	—	610
Paw Paw	556.5	37	80	992	8950	619	619	—	670
Breadfruit	636	61	95	1081	10500	715	715	—	720
Persimmon	795	61	95	1186	12900	877	877	881	825
Grapefruit	1033.5	61	95	1326	16500	—	1118	—	970

+Ampacity ratings based on 75°C conductor temperature 25°C ambient temperature elevation - sea level.

Emissivity 0.91 coefficient of absorption 0.95 Thermal resistivity of covering - 376°C M / Watt-CM.

Wind speed 2 ft./sec. in sun.

Code	Size (AWG Or kcmil)	Stranding	Cover Thickness (mils)	Total Diameter (mils)	Rated Strength (lbs.)	Weight Per 1000 ft. (lbs.)			Allowable Ampacity+
						XLP	Conv. Poly	HD Poly	
ACSR									
Walnut	6	6/1	30	258	1130	47	47	47	105
Butternut	4	6/1	30	310	1770	72	72	72	135
Hickory	4	7/1	30	317	2240	83	83	84	135
Pignut	2	6/1	45	406	2710	118	118	119	180
Beech	2	7/1	45	415	3450	136	136	137	180
Chestnut	1	6/1	45	444	3370	145	145	—	210
Almond	1/0	6/1	60	518	4150	190	190	191	235
Pecan	2/0	6/1	60	567	5040	233	233	235	270
Fibert	3/0	6/1	60	622	6290	288	288	290	305
Buckeye	4/0	6/1	60	683	7930	357	357	359	345
Hackberry	266.8	18/1	60	729	6540	354	354	—	435

+Ampacity ratings based on 75°C conductor temperature 25°C ambient temperature elevation - sea level.

Emissivity 0.91 coefficient of absorption 0.95 Thermal resistivity of covering - 375°C M / Watt-CM.

Wind speed 2 ft./sec. in sun.



河南泰诺电缆有限公司
HENAN TANO CABLE CO.,LTD.

Website: <http://www.tanocable.com/>

Tel.: 0086-371-60306197

Fax: 0086-371-60306197

Email: info@tanocable.com

Address: Zhengzhou City, Henan
Province, China.

Zip: 450000