



**TANO**

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**河南泰诺电缆有限公司**

HENAN TANO CABLE CO.,LTD.

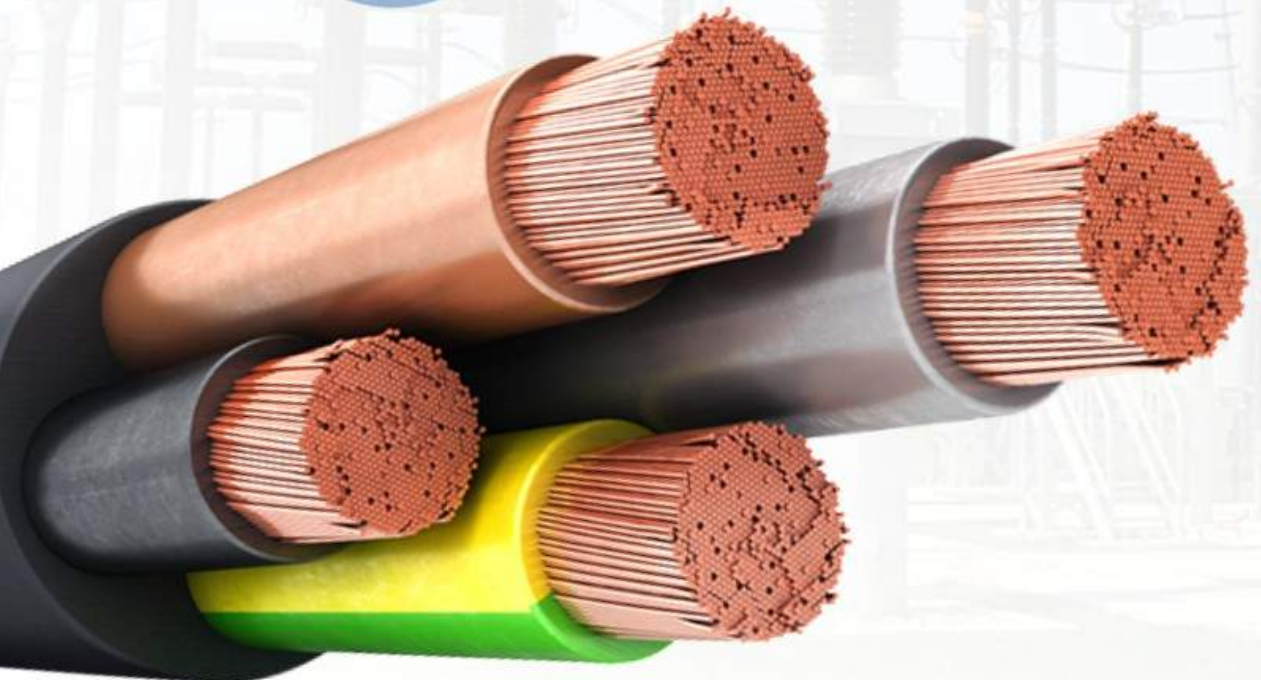


# RUBBER CABLE to BS STANDARD



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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.

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.







Flame retardant: IEC 60332.1

Insulation resistance: 20 MΩxkm

## CONSTRUCTION PARAMETER

AWG (No. of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area	Nominal Thickness of Insulation	Nominal Thickness of Bedding	Diameter of Braid Wire	Nominal Thickness of Sheath	Nominal Overall Diameter	Nominal Weight
	No. xmm <sup>2</sup>	mm	mm	mm	mm	mm	kg/km
<b>6802TQ</b>							
12(56/28)	2x4	1	2	0.2	2.6	19.8	578
<b>6803TQ</b>							
12(56/28)	3x4	1	2.2	0.2	2.8	21.3	684
10(84/28)	3x6	1	2.4	0.3	3.1	24.8	955
8(80/26)	3x10	1.2	3.1	0.3	3.8	30.7	1450
6(128/26)	3x16	1.2	3.3	0.3	4	33.8	1840
4(200/26)	3x25	1.4	3.6	0.4	4.4	39.6	2620
<b>6804TQ</b>							
12(56/28)	4x4	1	2.3	0.3	3	23.6	874
10(84/28)	4x6	1	2.6	0.3	3.3	27.1	1147
8(80/26)	4x10	1.2	3.3	0.3	4	33.3	1730
6(128/26)	4x16	1.2	3.5	0.4	4.2	37.2	2310
4(200/26)	4x25	1.4	3.8	0.4	4.7	43.2	3170
2(280/26)	4x35	1.4	4.1	0.4	5	47.9	3990
1(400/26)	4x50	1.6	4.6	0.4	5.5	55.1	5320

## Rubber Cable 638TQ to BS 7919 Standard

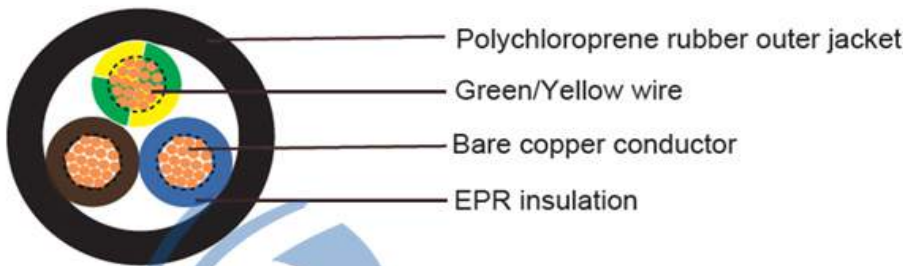
### APPLICATION

These cables are can be used either in dry, humid or wet places, in contact with oil or grease, in weather conditions and under medium mechanical stress, They are suitable for power supply to equipment in industrial plants, large size boilers, heating plates, portable lamps, electrical tools such as drilling machines,



disk saws, portable engines and machines, building and farming equipments etc. These cables are also suitable for stationary equipments designed for wind-tower application. The particular cable construction and the special sheath materials have improved the cable torsion resistance (max150°/m), which is a key requirement for drop cables in wind-generators. The cables are also suitable on plaster in temporary buildings and builders huts, and wiring in machinery elevators. 638TQ is equivalent to harmonized code H07BN4-F.

## CONSTRUCTION



Fine bare copper strands

Stranding to BS 6360 CL-5 or IEC 60228 CL-5

EPR(Ethylene Propylene Rubber) rubber EI7 insulation

CSP(Chlorosulphonated Polyethylene) outer jacket EM7



## CORE IDENTIFICATION

1 core: Black

2 cores: Brown, Blue

3 cores: Green/Yellow, Brown, Blue

4 cores: Green/Yellow, Brown, Black, Grey

5 cores: Green/Yellow, Blue, Brown, Black, Grey

6 cores and above: white insulation with black numerals

## TECHNICAL DATA

**Working voltage:** 450/750 volts

**Test voltage:** 2500 volts

**Flexing bending radius:** 6xOverall diameter

**Fixed bending radius:** 4xOverall diameter

**Temperature Range:** -25° C to +90° C

**Maximum short circuit temperature:** +250° C

**Flame retardant:** IEC 60332.1

**Insulation resistance:** 20 MΩxkm

## CONSTRUCTION PARAMETER

AWG (No of Strands/ Strand Diameter)	No. of Cores x Nominal Cross Sectional Area	Nominal Thickness of Insulation	Nominal Thickness of Sheath	Nominal Overall Diameter	Nominal Weight
	No.xmm <sup>2</sup>	mm	mm	mm	kg/km
<b>6382TQ</b>					
17(32/32)	2x1	0.8	1.3	8.2	93
16(30/30)	2x1.5	0.8	1.5	9.3	118
14(50/30)	2x2.5	0.9	1.7	10.9	172
12(56/28)	2x4	1	1.8	13.2	275
10(84/28)	2x6	1	2	15.6	370
8(80/26)	2x10	1.2	3.1	20.6	690
6(128/26)	2x16	1.2	3.3	23.3	910
4(200/26)	2x25	1.4	3.6	27.4	1290
<b>6383TQ</b>					
17(32/32)	3x1	0.8	1.4	8.9	114
16(30/30)	3x1.5	0.8	1.6	10	144
14(50/30)	3x2.5	0.9	1.8	11.7	210
12(56/28)	3x4	1	1.9	14.1	335
10(84/28)	3x6	1	2.1	16.6	450
8(80/26)	3x10	1.2	3.3	22.1	835
6(128/26)	3x16	1.2	3.5	24.8	1120
4(200/26)	3x25	1.4	3.8	29.3	1600
2(280/26)	3x35	1.4	4.1	32.9	2080
1(400/26)	3x50	1.6	4.5	38.5	2890
2/0(356/24)	3x70	1.6	4.8	43.6	3850
3/0(485/24)	3x95	1.8	5.3	50	4970
4/0(614/24)	3x120	1.8	5.6	53.9	6350
300MCM(765/24)	3x150	2	6	59.5	7700

350MCM(944/24)	3x185	2.2	6.4	65.9	9350
500MCM(1225/24)	3x240	2.4	7.1	74.7	1200
-63 54166667	3x300	2.6	7.7	83.2	14910
<b>6384TQ</b>					
17(32/32)	4x1	0.8	1.5	9.8	139
16(30/30)	4x1.5	0.8	1.7	11	177
14(50/30)	4x2.5	0.9	1.9	12.8	257
12(56/28)	4x4	1	2	15.5	420
10(84/28)	4x6	1	2.3	18.5	565
8(80/26)	4x10	1.2	3.4	24.1	1020
6(128/26)	4x16	1.2	3.6	27.1	1380
4(200/26)	4x25	1.4	4.1	32.5	2140
2(280/26)	4x35	1.4	4.4	36.5	2610
1(400/26)	4x50	1.6	4.8	42.6	3650
2/0(356/24)	4x70	1.6	5.2	48.6	4880
3/0(485/24)	4x95	1.8	5.9	56	6390
4/0(614/24)	4x120	1.8	6	59.9	7750
8(80/26)	4x10	1.2	3.4	24.1	1020
6(128/26)	4x16	1.2	3.6	27.1	1380
4(200/26)	4x25	1.4	4.1	32.5	2140
2(280/26)	4x35	1.4	4.4	36.5	2610
1(400/26)	4x50	1.6	4.8	42.6	3650
2/0(356/24)	4x70	1.6	5.2	48.6	4880
3/0(485/24)	4x95	1.8	5.9	56	6390
4/0(614/24)	4x120	1.8	6	59.9	7750
300MCM(765/24)	4x150	2	6.5	66.8	9780
350MCM(944/24)	4x185	2.2	7	73.5	11900
500MCM(1225/24)	4x240	2.4	7.7	83.2	15330
-63 54166667	4x300	2.6	8.4	92.8	19030
<b>6386TQ</b>					
16(30/30)	6x1.5	0.8	2.5	14.7	288
14(50/30)	6x2.5	0.9	2.7	17.1	395
12(56/28)	6x4	1	2.9	20.2	670
<b>6387TQ</b>					
16(30/30)	7x1.5	0.8	2.6	15.7	385
14(50/30)	7x2.5	0.9	2.8	18.1	445
12(56/28)	7x4	1	3.1	21.6	773
<b>63812TQ</b>					
16(30/30)	12x1.5	0.8	2.9	19.1	556
14(50/30)	12x2.5	0.9	3.1	22.2	760
12(56/28)	12x4	1	3.5	20.2	1290
<b>63818TQ</b>					
16(30/30)	18x1.5	0.8	2.5	14.7	814
14(50/30)	18x2.5	0.9	2.7	17.1	1100
12(56/28)	18x4	1	2.9	26.2	1910



63824TQ					
16(30/30)	24x1.5	0.8	3.5	26.5	1080
14(50/30)	24x2.5	0.9	3.9	31.3	1460
63836TQ					
16(30/30)	36x1.5	0.8	3.8	30.2	1600
14(50/30)	36x2.5	0.9	4.3	36.5	2150



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