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C A B L E

河南泰诺电缆有限公司

HENAN TANO CABLE CO.,LTD.

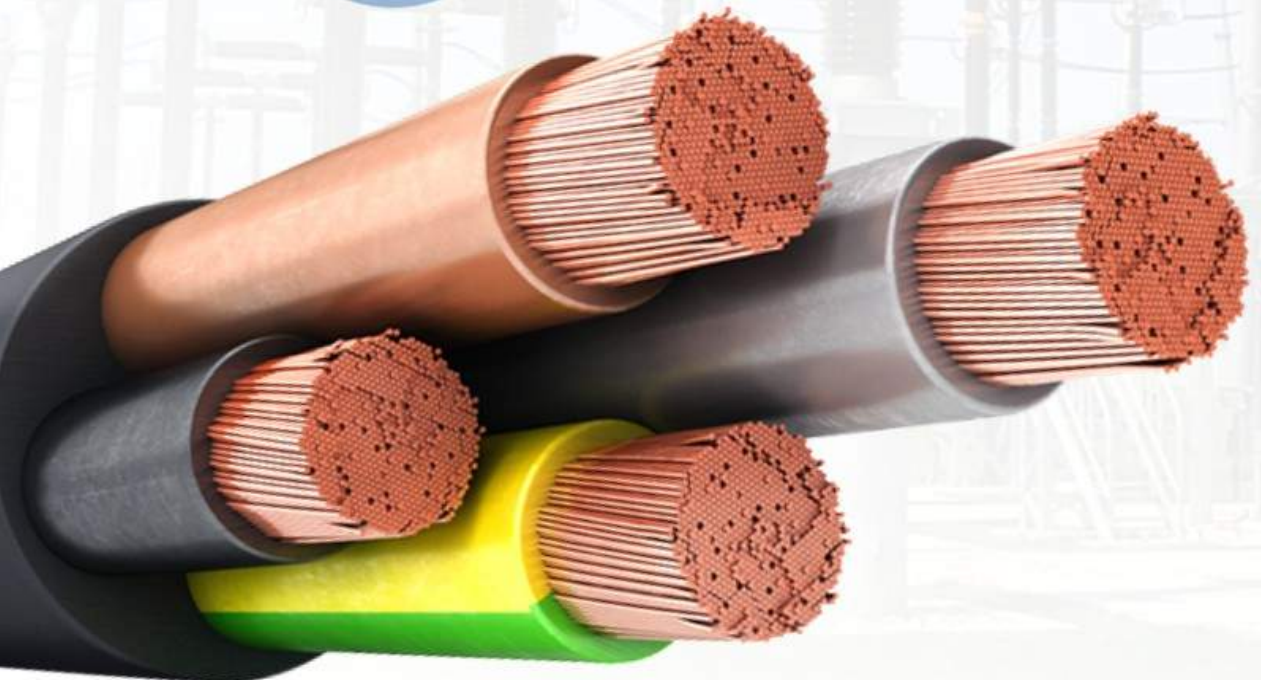


RUBBER CABLE to BS STANDARD



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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.





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Rubber Trailing Cable 380TQ to BS 6500 Standard

APPLICATION

This range of Cables are designed for temporary building sites as extension leads for portable or fixed equipment. The copper braid prevents earth leakage and offers mechanical protection.

CONSTRUCTION



Fine bare copper strands

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

EPR insulation

CSP(Chlorosulphonated Polyethylene), HOFR (Heat and Oil Resistant and Flame Retardant) bedding

TCWB(tinned copper wire braid)

CSP(Chlorosulphonated Polyethylene), HOFR (Heat and Oil Resistant and Flame Retardant) sheath

C A B L E

CORE IDENTIFICATION

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: 300/500 volts

Minimum bending radius: 8.0xOverall diameter

Temperature Range: -20° C to +85° 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 Bedding	Diameter of Braid of Wire	Nominal Thickness of Sheath	Nominal Overall Diameter	Nominal Weight
		No. x mm ²	mm	mm	mm	mm	mm
3802TQ							
18(24/32)	2*0.75	0.6	0.8	0.2	1.1	9.7	149
17(32/32)	2*1	0.6	0.9	0.2	1.1	10.3	169
16(30/30)	2*1.5	0.8	1	0.2	1.3	12.3	236
14(50/30)	2*2.5	0.9	1.1	0.2	1.4	13.9	307
3803TQ							
18(24/32)	3*0.75	0.6	0.9	0.2	1.1	10.3	170
17(32/32)	3*1	0.6	0.9	0.2	1.2	11	196
16(30/30)	3*1.5	0.8	1.1	0.2	1.3	13.1	274
14(50/30)	3*2.5	0.9	1.2	0.2	1.5	15	366
3804TQ							
18(24/32)	4*0.75	0.6	0.9	0.2	1.2	11.1	198
17(32/32)	4*1	0.6	1	0.2	1.2	11.8	227
16(30/30)	4*1.5	0.8	1.1	0.2	1.4	14.1	319
14(50/30)	4*2.5	0.9	1.3	0.2	1.6	16.4	441
3805TQ							
18(24/32)	5*0.75	0.6	1	0.2	1.2	11.9	233
17(32/32)	5*1	0.6	1	0.2	1.3	12.7	272
16(30/30)	5*1.5	0.8	1.2	0.2	1.5	15.4	373
14(50/30)	5*2.5	0.9	1.3	0.2	1.6	17.4	502
3806TQ							
18(24/32)	6*0.75	0.6	1.1	0.2	1.3	13.1	272
16(30/30)	6*1.5	0.8	1.3	0.2	1.6	16.8	438
14(50/30)	6*2.5	0.9	1.4	0.2	1.8	19.2	593

3808TQ							
18(24/32)	8*0.75	0.6	1.2	0.2	1.5	15.2	350
16(30/30)	8*1.5	0.8	1.5	0.2	1.8	19.7	575
14(50/30)	8*2.5	0.9	1.7	0.3	2.1	23.4	856
38012TQ							
18(24/32)	12*0.75	0.6	1.3	0.2	1.6	16.8	449
16(30/30)	12*1.5	0.8	1.6	0.3	2	22.58	775
14(50/30)	12*2.5	0.9	1.8	0.3	2.3	26	1060
38016TQ							
18(24/32)	16*0.75	0.6	1.4	0.2	1.7	18.5	544
16(30/30)	16*1.5	0.8	1.8	0.3	2.2	25.3	1010
14(50/30)	16*2.5	0.9	2	0.3	2.5	28.9	1330
38020TQ							
18(24/32)	20*0.75	0.6	1.5	0.3	1.9	21.2	713
16(30/30)	20*1.5	0.8	2.1	0.3	2.6	30.8	1430
14(50/30)	20*2.5	0.9	2.4	0.4	3	36.3	2140
38025TQ							
18(24/32)	25*0.75	0.6	1.7	0.3	2.1	23.6	866
16(30/30)	25*1.5	0.8	2.1	0.3	2.6	30.8	1430
14(50/30)	25*2.5	0.9	2.4	0.4	3	36.3	2140
38030TQ							
18(24/32)	30*0.75	0.6	1.8	0.3	2.2	25	986
16(30/30)	30*1.5	0.8	2.2	0.4	2.8	33.2	1760
14(50/30)	30*2.5	0.9	2.6	0.4	3.2	38.7	2440

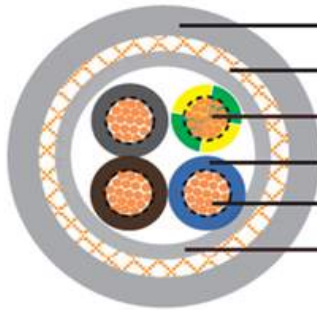
C A B L E

Rubber Trailing Cable 680TQ to BS 6007 Standard

APPLICATION

This range of Cables are designed for temporary building sites as extension leads for portable or fixed equipment. The copper braid prevents earth leakage and offers mechanical protection.

CONSTRUCTION



- CSP-HORF outer jacket
- Tinned copper wire braid
- Green/Yellow wire
- EPR-HORF insulation
- Bare copper conductor
- CSP-HORF bedding

680TQ

Fine bare copper strands

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

EPR insulation

CSP(Chlorosulphonated Polyethylene), HOFR (Heat and Oil Resistant and Flame Retardant) bedding

TCWB(tinned copper wire braid)

CSP(Chlorosulphonated Polyethylene), HOFR (Heat and Oil Resistant and Flame Retardant) sheath



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CORE IDENTIFICATION

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

Minimum bending radius: 8.0xOverall diameter (below 25mm²)

10xOverall diameter (above 25mm²)

Temperature Range: -20° C to +85° 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 Bedding	Diameter of Braid Wire	Nominal Thickness of Sheath	Nominal Overall Diameter	Nominal Weight
	No. x mm ²	mm	mm	mm	mm	mm	kg/km
6802TQ							
12(56/28)	2x4	1	2	0.2	2.6	19.8	578
6803TQ							
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
6804TQ							
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

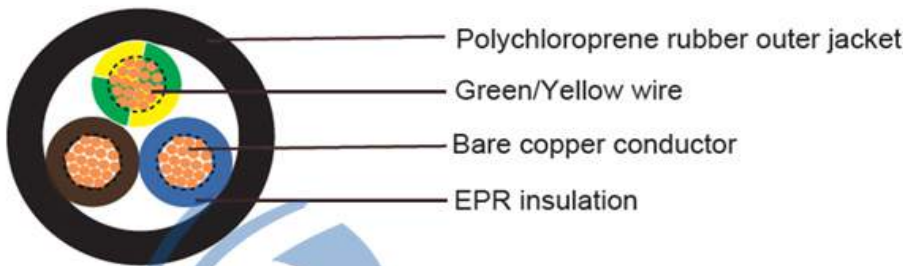
Rubber Cable 638TQ to BS 7919 Standard

APPLICATION

These cables 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 ²	mm	mm	mm	kg/km
6382TQ					
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
6383TQ					
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
6384TQ					
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
6386TQ					
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
6387TQ					
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
63812TQ					
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
63818TQ					
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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