



# 河南泰诺电缆有限公司

HENAN TANO CABLE CO.,LTD.

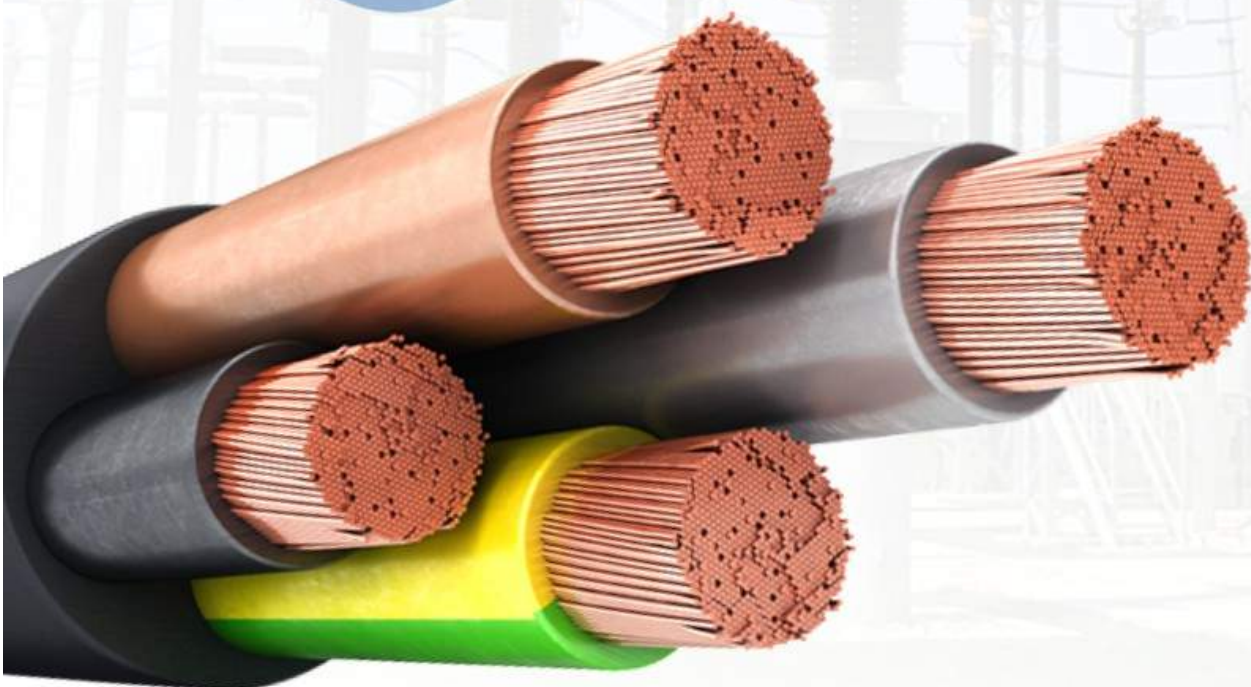


# RUBBER CABLE to HARMONIZED STANDARD



**TANO**

C A B L E



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.





## Rubber Cable H07BN4-F to Harmonized Standard

### APPLICATION

These cables are made with synthetic rubbers having an excellent temperature resistance and can be used either in dry, humid or wet places or in contact with oil or grease, in weather conditions and under medium mechanical stress, for example 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, for example designed for wind-tower application, the particular conductor Cable Construction and the used materials have improved the cable torsion resistance (max 150°/m), key requirement for drop cables in wind-generators, on plaster in temporary buildings and builders huts, and wiring in machinery elevators or similar. Suitable for caravans and camping equipment. Especially recommended for service temperature up to 90°C together with good resistance to hot grease and oil. Therefore these cables are ideal for use in plants and industries dealing with grease, oil or oil emulsion treatments, transformation or handling.

### STANDARD

CENELEC HD 22.12 S1, VDE-0282 Part-12, IEC 60245-4, IEC 60754-1/2, ROHS compliant.

### CONSTRUCTION



H07BN4-F

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5

- EPR(Ethylene Propylene Rubber) rubber EI7 insulation
- Color code VDE-0293-308
- Special polychloroprene rubber outer jacket EM7

## TECHNICAL CHARACTERISTICS

**Working voltage:** 450/750 volts

**Test voltage:** 2500 volts

**Flexing bending radius:**  $6.0 \times \varnothing$

**Fixed bending radius:**  $4.0 \times \varnothing$

**Temperature Range:**  $-40^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$

**Wind energy:**  $-15^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$

**Maximum Short Circuit Temperature:**  $+250^{\circ}\text{C}$

**Flame retardant:** IEC 60332.1C2/NF C 32-070

**Insulation resistance:**  $20\text{ M}\Omega \times \text{km}$

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## TECHNICAL PARAMETER

| AWG       | No. of Cores x<br>Nominal Cross<br>Sectional Area | Nominal<br>Thickness<br>of Insulation | Nominal<br>Thickness<br>of Sheath | Nominal Overall<br>Diameter | Nominal<br>Weight |
|-----------|---------------------------------------------------|---------------------------------------|-----------------------------------|-----------------------------|-------------------|
|           | No. x mm <sup>2</sup>                             | mm                                    | mm                                | mm                          | kg/km             |
| 17(32/32) | 2x1                                               | 0.8                                   | 1.3                               | 8.2                         | 93                |
| 17(32/32) | 3x1                                               | 0.8                                   | 1.4                               | 8.9                         | 114               |
| 17(32/32) | 4x1                                               | 0.8                                   | 1.5                               | 9.8                         | 139               |
| 16(30/30) | 1 x 1.5                                           | 0.8                                   | 1.4                               | 5.9                         | 50                |
| 16(30/30) | 2 x 1.5                                           | 0.8                                   | 1.5                               | 9.3                         | 118               |
| 16(30/30) | 3 x 1.5                                           | 0.8                                   | 1.6                               | 10                          | 144               |
| 16(30/30) | 4 x 1.5                                           | 0.8                                   | 1.7                               | 11                          | 177               |
| 16(30/30) | 5 x 1.5                                           | 0.8                                   | 1.8                               | 12.1                        | 226               |
| 16(30/30) | 7 x 1.5                                           | 0.8                                   | 2.6                               | 14.7                        | 385               |
| 16(30/30) | 12 x 1.5                                          | 0.8                                   | 2.9                               | 18.8                        | 516               |
| 16(30/30) | 19 x 1.5                                          | 0.8                                   | 3.2                               | 22                          | 800               |
| 16(30/30) | 24 x 1.5                                          | 0.8                                   | 3.5                               | 25.7                        | 882               |
| 14(50/30) | 1 x 2.5                                           | 0.9                                   | 1.4                               | 6.5                         | 65                |

|             |          |     |     |      |      |
|-------------|----------|-----|-----|------|------|
| 14(50/30)   | 2 x 2.5  | 0.9 | 1.7 | 10.9 | 172  |
| 14(50/30)   | 3 x 2.5  | 0.9 | 1.8 | 11.7 | 210  |
| 14(50/30)   | 4 x 2.5  | 0.9 | 1.9 | 12.8 | 257  |
| 14(50/30)   | 5 x 2.5  | 0.9 | 2   | 14.1 | 329  |
| 14(50/30)   | 7 x 2.5  | 0.9 | 2.8 | 17.1 | 445  |
| 14(50/30)   | 12 x 2.5 | 0.9 | 3.1 | 22.1 | 702  |
| 14(50/30)   | 19 x 2.5 | 0.9 | 3.5 | 26   | 1030 |
| 14(50/30)   | 24 x 2.5 | 0.9 | 3.9 | 30.4 | 1312 |
| 12(56/28)   | 1x4      | 1   | 1.5 | 7.4  | 89   |
| 12(56/28)   | 2x4      | 1   | 1.8 | 12.6 | 238  |
| 12(56/28)   | 3x4      | 1   | 1.9 | 13.5 | 292  |
| 12(56/28)   | 4x4      | 1   | 2   | 14.8 | 359  |
| 12(56/28)   | 5x4      | 1   | 2.2 | 16.3 | 422  |
| 12(56/28)   | 7x4      | 1   | 3.1 | 19.6 | 618  |
| 10(84/28)   | 1x6      | 1   | 1.6 | 8.1  | 115  |
| 10(84/28)   | 2x6      | 1   | 1.8 | 13.8 | 282  |
| 10(84/28)   | 3x6      | 1   | 2.1 | 14.8 | 355  |
| 10(84/28)   | 4x6      | 1   | 2.3 | 16.4 | 449  |
| 10(84/28)   | 5x6      | 1.2 | 3.6 | 18.1 | 567  |
| 8(80/26)    | 1 x 10   | 1.2 | 1.8 | 10.4 | 190  |
| 8(80/26)    | 2 x 10   | 1.2 | 2.3 | 19.4 | 539  |
| 8(80/26)    | 3 x 10   | 1.2 | 3.3 | 20.7 | 674  |
| 8(80/26)    | 4 x 10   | 1.2 | 3.4 | 22.6 | 833  |
| 8(80/26)    | 5 x 10   | 1.2 | 3.6 | 24.8 | 1010 |
| 6(128/26)   | 1 x 16   | 1.2 | 1.9 | 11.6 | 259  |
| 6(128/26)   | 2 x 16   | 1.2 | 2.8 | 21.8 | 722  |
| 6(128/26)   | 3 x 16   | 1.2 | 3.5 | 23.3 | 913  |
| 6(128/26)   | 4 x 16   | 1.2 | 3.6 | 25.4 | 1138 |
| 6(128/26)   | 5 x 16   | 1.2 | 3.9 | 28.1 | 1400 |
| 4(200/26)   | 1 x 25   | 1.4 | 2   | 13.7 | 375  |
| 4(200/26)   | 2 x 25   | 1.4 | 3.3 | 25.9 | 1043 |
| 4(200/26)   | 4 x 25   | 1.4 | 4.1 | 30.8 | 1714 |
| 4(200/26)   | 5 x 25   | 1.4 | 4.4 | 33.9 | 2096 |
| 2(280/26)   | 1 x 35   | 1.4 | 2.2 | 15.4 | 492  |
| 2(280/26)   | 3 x 35   | 1.4 | 4.1 | 31   | 1745 |
| 2(280/26)   | 4 x 35   | 1.4 | 4.4 | 34.3 | 2204 |
| 2(280/26)   | 5 x 35   | 1.4 | 4.7 | 39.6 | 2810 |
| 1(400/26)   | 1 x 50   | 1.6 | 2.4 | 17.7 | 675  |
| 1(400/26)   | 3 x 50   | 1.6 | 3.6 | 35.8 | 2409 |
| 1(400/26)   | 4 x 50   | 1.6 | 4.8 | 39.6 | 3029 |
| 1(400/26)   | 5 x 50   | 1.6 | 5.1 | 44.1 | 4050 |
| 2/0(356/24) | 1 x 70   | 1.6 | 2.6 | 20   | 908  |
| 2/0(356/24) | 3 x 70   | 1.6 | 4.2 | 40.5 | 3211 |
| 2/0(356/24) | 4 x 70   | 1.6 | 5.2 | 44.9 | 4121 |
| 3/0(485/24) | 1 x 95   | 1.8 | 2.8 | 22.1 | 1171 |



# 河南泰诺电缆有限公司

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