



TANO

C A B L E

河南泰诺电缆有限公司

HENAN TANO CABLE CO.,LTD.

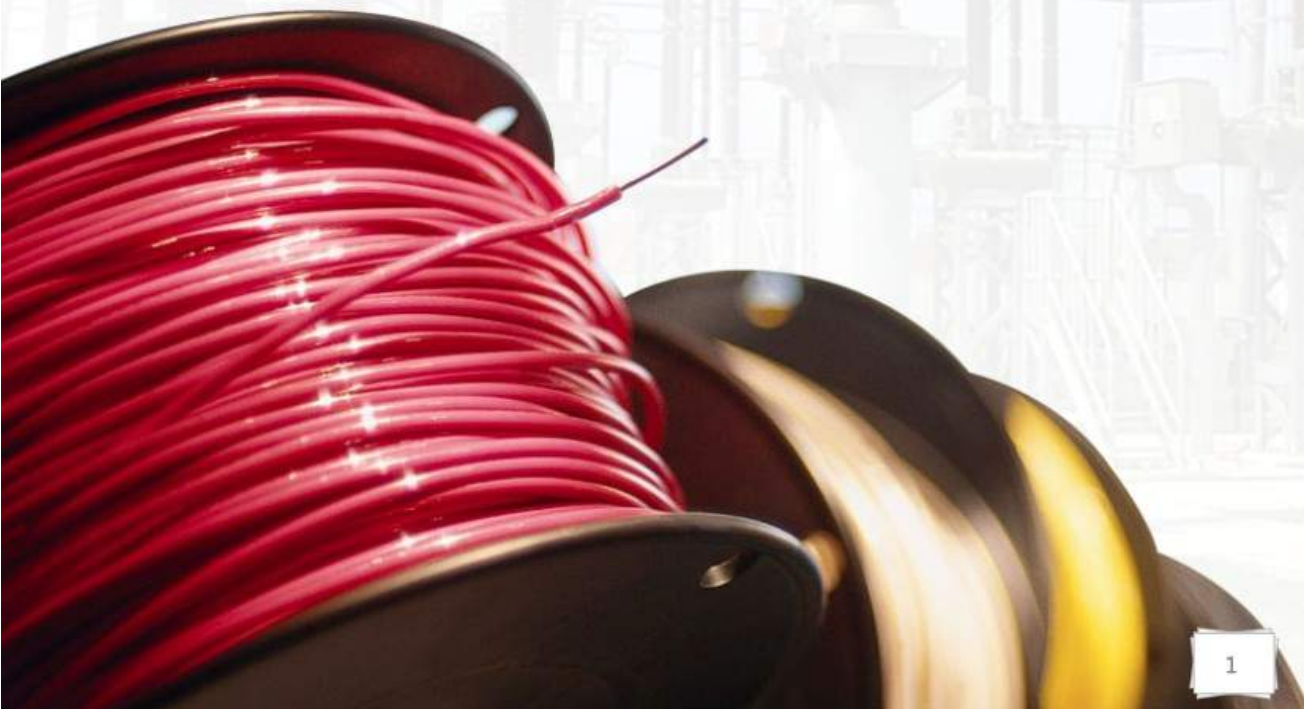


BUILDING WIRE to DIN STANDARD



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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.





Flexing bending radius: 15 x Ø

Static bending radius: 15 x Ø

Flexing temperature: -5° C to +70° C

Static temperature: -30° C to +90° C

Short circuit temperature: +160° C

Flame retardant: IEC 60332.1

Insulation resistance: 10 MΩ x km

CONSTRUCTION PARAMETER

AWG	No. of Cores x Nominal Cross Sectional Area	Nominal Thickness of Insulation	Nominal Overall Diameter	Nominal Copper Weight	Nominal Weight
	No. x mm ²	mm	mm	kg/km	kg/km
20	1 x 0.5	0.6	2.1	4.8	9
18	1 x 0.75	0.6	2.2	7.2	11
17	1x1	0.6	2.4	9.6	14
16	1 x 1.5	0.7	2.9	14.4	21
14	1 x 2.5	0.8	3.5	24	33
12	1x4	0.8	3.9	38	49
10	1x6	0.8	4.5	58	69
8	1 x 10	1	5.7	96	115

Building Wire H07V-K to DIN Standard

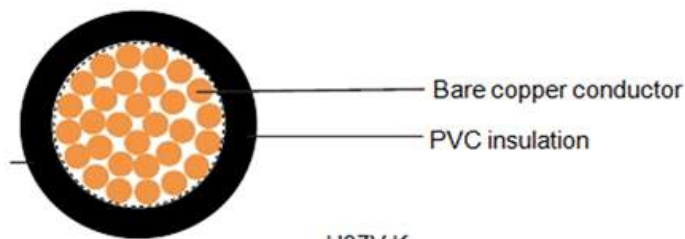
APPLICATION

These are not suitable to be installed for laying in tubes, under and surface mounting of plaster and also in closed installation conduits. These are not allowed to install for direct laying on cable trays, channel or tanks. These types are permitted for the inner wiring of equipment, distributor and switchboards and also for protective laying to the lightings with a nominal voltage up to 1000 V alternating current or up to 750 V direct current against earth.

STANDARD

<HAR> HD 21.3 S3, VDE-0281 Part-3, CEI 20-20, CEI20-52, CE Low Voltage Directive 73/23/EEC and 93/68/EEC, ROHS compliant.

CONSTRUCTION



- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5
- Special PVC TI1 core insulation
- Cores to VDE-0293 colors on chart



TECHNICAL CHARACTERISTICS

Working voltage: 450/750V

Test voltage: 2500 volts

Flexing bending radius: 12.5 x Ø

Static bending radius: 12.5 x Ø

Flexing temperature: -5° C to +70° C

Static temperature: -30° C to +80° C

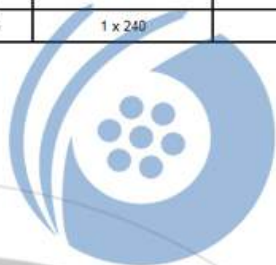
Short circuit temperature: +160° C

Flame retardant: IEC 60332.1

Insulation resistance: 10 MΩ x km

CONSTRUCTION PARAMETER

AWG	No. of Cores x Nominal Cross Sectional Area	Nominal Thickness of Insulation	Nominal Overall Diameter	Nominal Copper Weight	Nominal Weight
	No. xmm ²	mm	mm	kg/km	kg/km
16(30/30)	1 x 1.5	0,7	3.1	14.4	20
14(50/30)	1 x 2.5	0,8	3.6	24	31
12(56/28)	1x4	0,8	4.3	38	48
10(84/28)	1x6	0,8	4.9	58	69
8(80/26)	1 x 10	1,0	6.4	96	121
6(128/26)	1 x 16	1,0	8.1	154	211
4(200/26)	1 x 25	1,2	9.8	240	303
2 (280/26)	1 x 35	1,2	11.1	336	417
1 (400/26)	1 x 50	1,4	13.1	480	539
2/0 (356/24)	1 x 70	1,4	15.5	672	730
3/0 (485/24)	1 x 95	1,6	17.2	912	900
4/0 (614/24)	1 x 120	1,6	19.7	1152	1135
300 MCM (765/24)	1 x 150	1,8	21.3	1440	1410
350 MCM (944/24)	1 x 185	2,0	23.4	1776	1845
500MCM(1225/24)	1 x 240	2,2	27.1	2304	2270



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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