



TANO

C A B L E

河南泰诺电缆有限公司

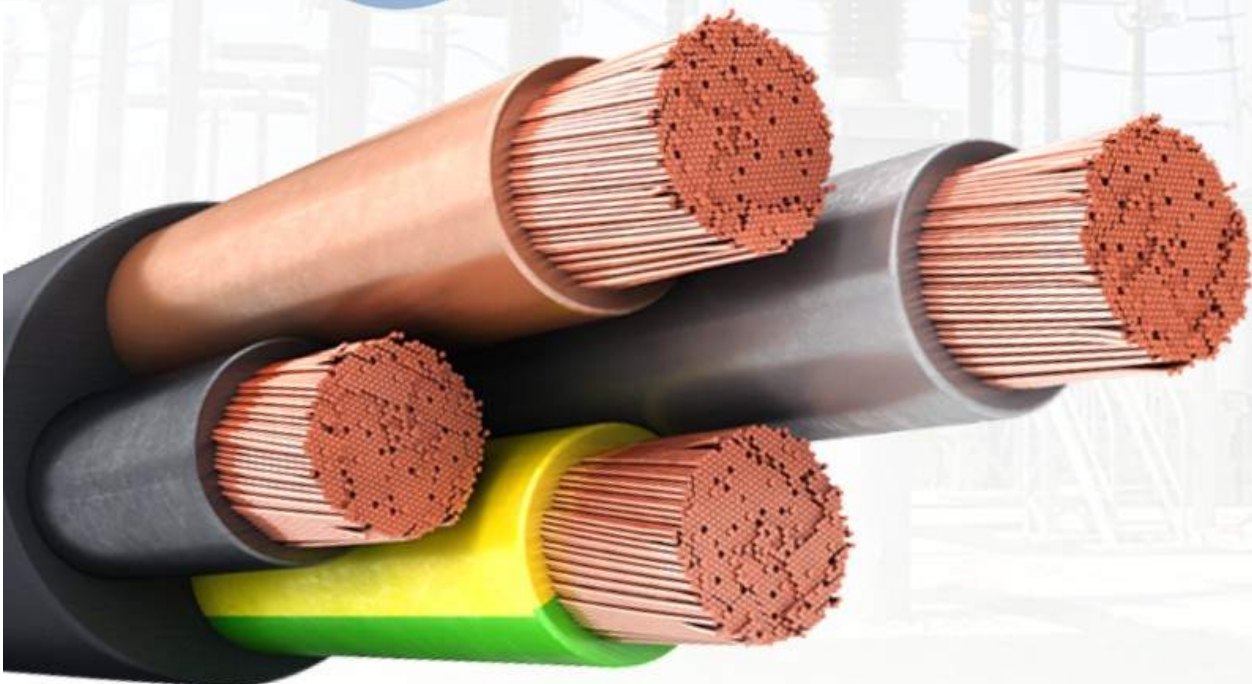
HENAN TANO CABLE CO.,LTD.

RUBBER CABLE to HARMONIZED STANDARD



TANO

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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.





Rubber Cable H05RN-F/H05RNH2-F to Harmonized Standard

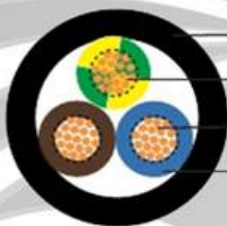
APPLICATION

These cables are flexible, mainly recommended for use in electrical equipment under low stress in dry, damp and wet areas in indoor or outdoor environments. Commonly used for connection of electrical appliances when exposed to low mechanical strain in household, offices and for light utilities. Anywhere where there is minimal physical damage. Also suitable for fixed installation in furniture, decorative coverings, wall partitions and pre-fabricated building parts. Max operating voltage in single or three phase system is U_0/U 318/550 volts. In a direct current system max operating voltage is U_0/U 413/825 volts. They are ozone resistant, oil & fat resistant.

STANDARD

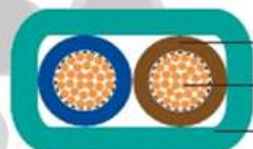
HD22.4 S3, VDE-0282 Part-4, CE low voltage directive 73/23/EEC & 93/68/EEC, IEC 60245-4, ROHS compliant.

CONSTRUCTION



- Polychloroprene rubber outer jacket
- Green/Yellow wire
- Bare copper conductor
- Rubber insulation

H05RN-F



- Rubber insulation
- Bare copper conductor
- Rubber outer jacket

H05RNH2-F

- Fine bare copper strands

- Strands to VDE-0295 Class-5, IEC 60228 Class-5
- Rubber core insulation EI4 to VDE-0282 Part-1
- Color code VDE-0293-308
- Green-yellow grounding, 3 conductors and above
- Polychloroprene rubber (neoprene) jacket EM2

TECHNICAL CHARACTERISTICS

Working voltage: 300/500 volts

Test voltage: 2000 volts

Flexing bending radius: 7.5 x Ø

Fixed bending radius: 4.0 x Ø

Temperature Range: -30° C to +60° C

Short circuit temperature: +200 ° C

Flame retardant: IEC 60332.1

Insulation resistance: 20 MΩ x km



TECHNICAL PARAMETER

AWG	No. of Cores x Nominal Cross Sectional Area	Nominal Thickness of Insulation	Nominal Thickness of Sheath	Nominal Overall Diameter	Nominal Copper Weight	Nominal Weight
	No. x mm ²	mm	mm	mm (min-max)	kg/km	kg/km
H05RN-F						
18(24/32)	2 x 0.75	0.6	0.8	5.7 - 7.4	14.4	80
18(24/32)	3 x 0.75	0.6	0.9	6.2 - 8.1	21.6	95
18(24/32)	4 x 0.75	0.6	0.9	6.8 - 8.8	30	105
17(32/32)	2x1	0.6	0.9	6.1 - 8.0	19	95
17(32/32)	3x1	0.6	0.9	6.5 - 8.5	29	115
17(32/32)	4x1	0.6	0.9	7.1 - 9.2	38	142
16(30/30)	3 x 1.5	0.8	1	8.6 - 11.0	29	105
16(30/30)	4 x 1.5	0.8	1.1	9.5 - 12.2	39	129
16(30/30)	5 x 1.5	0.8	1.1	10.5 - 13.5	48	153
H05RNH2-F						
16(30/30)	2 x 1.5	0.6	0.8	5.25±0.15x13.50±0.30	14.4	80
14(50/30)	2 x 2.5	0.6	0.9	5.25±0.15x13.50±0.30	21.6	95



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