



HONGTAI CABLE TECHNOLOGY CO.,LTD.

PRODUCT BROCHURE



>> Brief Introduction

Hongtai Cable Technology Co.,Ltd. is a large joint-stock, hi-tech enterprise established in 1988.

We are specialized in wires & cables,including designment,production and sales.

There are more than 500 staffs in our factory including over 50 technical personnell,5 senior engineers.With complete advanced cable producing equipments over 150 sets,complete testing equipments,a national level fire-resistant & flame retardant cable laboretory.Our technology has reached advanced levels at honme and abroad.

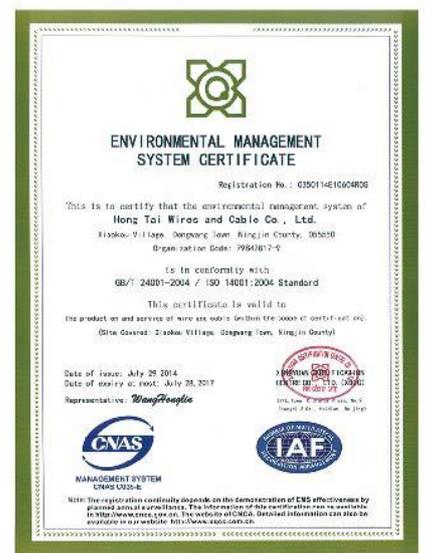
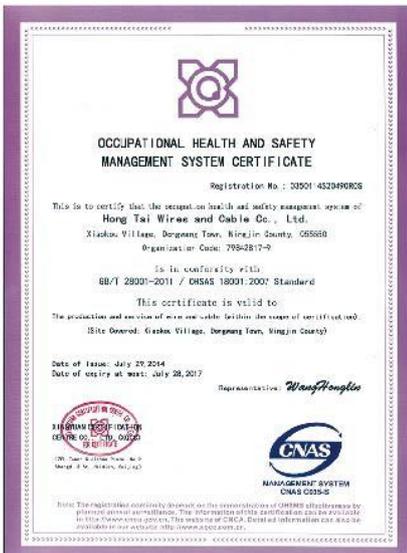
Our main products include:Power Cable for voltage up to 35KV,Overhead insulated cable,ABC Cable,Building Cable and flexible cord,Control Cable,Rubber Cable,Bare Conductor (ACSR, AAC, AAAC, BCC),Welding Cable,Galvanized Steel Wire(Stay wire),flame retardant mining cable,Aluminum Alloy Wire Cable,PVC insulated Pwer Cable.

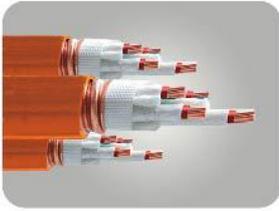
We ave own IM/EX right,our products have been exported to EuropeWe have own IM/EX right,our products have been exported to Europe,Australing,Middle-east,South-east Asia,Africa,American,South American etc.,being subjected to consistent good opinion of customers.

As a people-oriented company,we always adhere to "customers first,quality first" business philosophy and promote the comprehensive quality management system.We have obtained IOS Certification,SGS certificate,CE certificate,and the IEC international certificate.We would like to join hands with elites from all sectors of society in the road of common development.



>> Certification



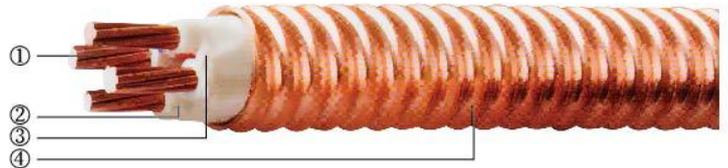


YTTW(BTTW) SHEATHED INORGANIC INSULATED CABLE

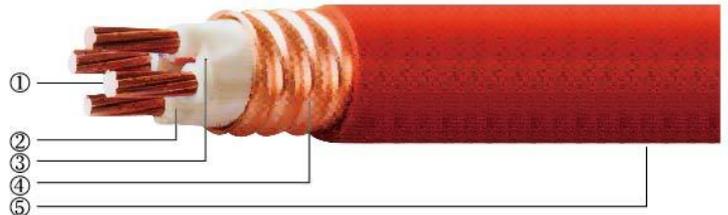
1. Structure of flexible fireproof cable

- 1.Cable conductor: it is made up of stranded copper wires, with favorable flexural property.
- 2.Insulation layer: it adopts high—temperature resistant inorganic insulating materials.
- 3.Copper sheath: copper materials, through special machining with favorable flexural property. used as PE wire.
- 4.Oute sheath: it is made of plastic materials of low—smoke non—toxicity,with favorable corrosion protection.

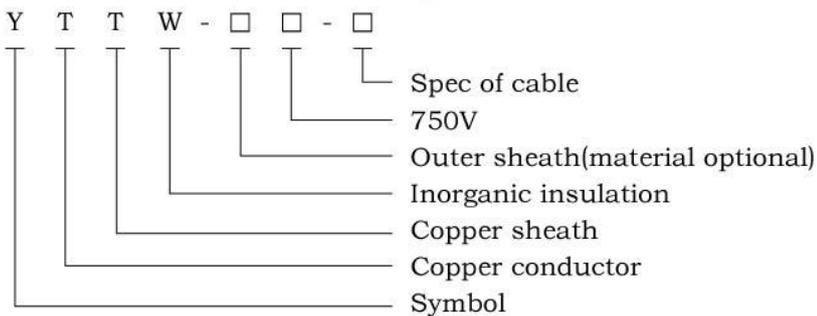
- ① Stranded copper conductor
- ② Inorganic insulation
- ③ Inorganic fiber packing material
- ④ Copper sheath



- ① Stranded copper conductor
- ② Inorganic insulation
- ③ Inorganic fiber packing material
- ④ Copper sheath
- ⑤ Outer sheath



2. Model of flexible fireproof cable



eg.1: YTTW 4×50

It means 4 flexible fireproof cables of 50mm² in sectional area.

eg.2: YTTW 4×(1×150)

It means 4 flexible fire-proof cables single core of 150mm² in cross section

3.Fire—resistant property of flexible fireproof cable

1.According to national standards, fire-resistant wire and cable fire test method characteristic test, According to GB12666.6 Class A, burn fire with flame temperature 950℃, apply voltage of 750V between phase and phase and between phase and outer sheath, it should be able to withstand for 90min without breakdown.

Class B, burn in fire with flame temperature 750-800℃, ap-ply voltage of 750V between phase and phase and between phase and sheath, it should be able to withstand for 90min without breakdown.

2.According to fhe BS6378, flexible fireproof cable satisfies the following requirements:

lass A 650℃ 3h lass B 750℃ 3h lass C 950℃ 3h lass S 950℃ 20min

4. Advantages of flexible fireproof cable

1. Excellent fireproof property, the fireproof rating not only satisfies the national standard GB12666.6: category A 950°C 90min, but also meet up with the U.K. standard BS6387-1994: Class A 650°C 3h; class B 750°C 3h; class C 950°C 3h; meanwhile, it also is able to withstand the water spraying or mechanical strike;
2. Long continuous length: the length can satisfy the length demand for power supply in spite of single-core or multi-core cable, and continuous length of each cable can be as long as 1,000m.
3. Large sectional area, sectional area of single-core cable reaches 630mm². and that of multi-core cable reaches 70mm²;
4. Property of flexibility, the cable can be wound on the cable reel, with the bending radius 6-10D, (D is the outer diameter of cable);
5. Smoke-free non-toxicity when burning, it adopts inorganic materials (non-inflammable materials) for insulation, its burning would not produce any harmful gas or secondary pollution, it is an environmental protection product;
6. High overload capacity, the cable not only is high in current carrying capacity, but also has large overload capacity. According to the wiring requirements, the surface temperature of cable usually is ≤ 70°C, if it will not be touched or will not contact with flammable building materials, the temperature of cable sheath can be heighten to 105°C. When coming across overload, long-term working temperature of fireproof cable can reach 250°C;
7. Property of corrosion proof, organic insulated fireproof cable requires plastic tube or iron tube sometimes, the plastic tube is liable to deteriorate and iron tube is apt to rust or erode, but the fireproof cable has copper sheath and the tubes need-less. besides, copper sheath has favorable corrosion resistance;
8. Free of electromagnetic interference, when wiring in the same vertical shaft with information wire and control wire, because of shielding of copper sheath, the fireproof cable would not interfere the single and control wires or cables;
9. Favorable safeness, it is able to supply power and start the fire extinguishing apparatus normally in flame, it reduces fire damage. Besides, it is reliable for personnel safety as its copper sheath is a kind of good conductor, is the best earthed PE wire, and covers the whole cable, The life of up to 100 years;
10. Long service life, high-temperature resistance and degradation-resistance of inorganic insulated material, its service life is many times of that of organic insulated cables, under normal working conditions, its service life can be as long as that of buildings;
11. Transportation and packaging of flexible fireproof cables including installation fittings are simple, nearly the same as that of general cables;
12. Favorable economical efficiency, due to advanced manufacturing processes and simple installation, overall cost of flexible fireproof cable is much lower than that of mineral insulated cable under the same conditions.

5. Advantages of flexible fireproof cable

1. Rated voltage: 0.6/1kV;
2. Rated working voltage: light load 500V, heavy load 750V;
3. Rated current: single-core 25A-1, 800A; multi-core 16A-500A;
4. Insulation resistance: insulation resistance ≥ 1000MΩ · km Cable length less than 100m, then the insulation resistance ≥ 10000MΩ;
5. Power frequency withstand voltage: apply voltage of 2,000V and 2,500V between phase and phase as well as phase and copper sheath of cables of 500V and 750V respectively, they should be able to withstand for 15min without being broken down.

6. Manufacturing standards of flexible fireproof cable

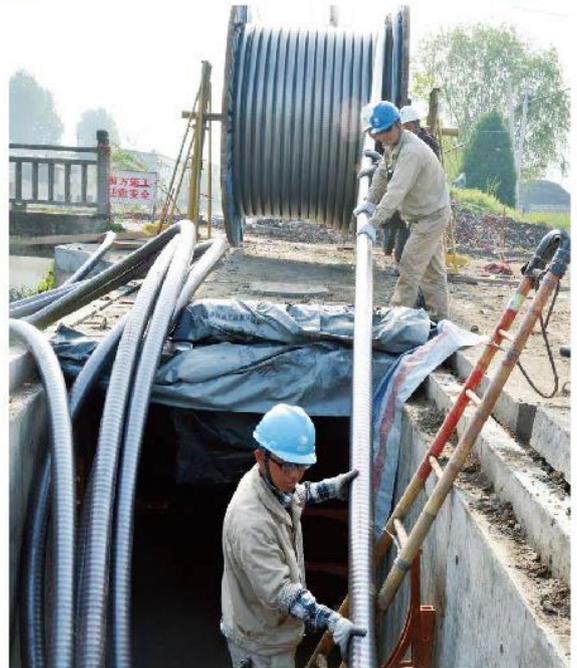
P.R.China Construction industry standards JG/T 313-2011

Rated voltage 750 v and below metal sheath inorganic mineral insulated cable and terminal.

Factory tour



Installation





OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

Registration No. 0350123S30480R3S

This is to certify that
Hongtai Cable Co., Ltd.

Xiaokou village, Dongwang Town, Ningjin County
Social Credit Code: 911305287984281793

is in conformity with
GB/T 45001-2020 / ISO 45001:2018 Standard

Scope of certificate coverage

**Production and service of wires and cables within the scope
of qualification (Site Covered: Dongwang Zhen Xiaokou village,
Ningjin County, Xingtai City, Hebei Province).**

Date of issue: Jul. 20, 2023

Date of expiry at most: Jul. 19, 2026



中国合格
评定国家
管理体系
认证中心
CNAS-C035-M



Representative: *Wang Honglin*



NOTE: This certificate shall be maintained by regular surveillance audit.
The validity of the certificate can be verified by scanning QR code.
The information of the certificate can be available in <http://www.cnca.gov.cn>,
the website of CNCA, and in our website <http://www.xqcc.com.cn>.

XINGYUAN CERTIFICATION CENTRE CO., LTD.

7FL, Tower C, Jiahua Plaza, No. 9 Shuangdi 3 St., Haidian, Beijing
www.xqcc.com.cn



QUALITY MANAGEMENT SYSTEM CERTIFICATE

Registration No. 0350123Q30806R3S

This is to certify that
Hongtai Cable Co., Ltd.

Xiaokou village, Dongwang Town, Ningjin County
Social Credit Code: 911305287984281793

is in conformity with
GB/T 19001-2016 / ISO 9001:2015 Standard

Scope of certificate coverage

**Production and service of wires and cables within the scope
of qualification (Site Covered: Dongwang Zhen Xiaokou village,
Ningjin County, Xingtai City, Hebei Province).**

Date of issue: Jul. 20, 2023

Date of expiry at most: Jul. 19, 2026



中国认可
国际互认
管理体系
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7FL, Tower C, Jiahua Plaza, No.9 Shangdi 3 St., Haidian, Beijing
www.xqcc.com.cn



ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Registration No. 0350123E20500R3S

This is to certify that
Hongtai Cable Co., Ltd.

Xiaokou village, Dongwang Town, Ningjin County
Social Credit Code: 911305287984281793

is in conformity with
GB/T 24001-2016 / ISO 14001:2015 Standard

Scope of certificate coverage

Production and service of wires and cables within the scope
of qualification (Site Covered: Dongwang Zhen Xiaokou village,
Ningjin County, Xingtai City, Hebei Province).

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7FL, Tower C, Jiahua Plaza, No.9 Shangdi 3 St. Haidian, Beijing
www.xqcc.com.cn



GREEN POWER CERTIFICATION CERTIFICATE

Registration number: 126224MS5302R0S

HongTai Cable Co.,Ltd

Unified Social Credit Code: 911305287984281793

Registered address: Xiaokou Village, Dongwang Town, Ningjin County

Business address: Xiaokou Village, Dongwang Town, Ningjin County,
Xingtai City, Hebei Province

After evaluation, Its organization's green power system is in line with

CTS JC 011-2024"Technical Specification for Green Power Certificati

on"Through evaluation, the scope is as follows

Green power management activities involved in the production and service of
wires and cables within the scope of qualification

Date of first certification: September 13th, 2024

The certificate is valid until: September 12th, 2027



1. Visit the official website of the National Certification and accreditation administration (www.cnca.gov.cn).
2. The certified organization shall be subject to regular supervision and audit, and the certificate shall continue to be valid only after being audited and qualified.

Jinchen Standard (Tianjin) Certification Group Co., LTD

Room 201, gate 2, building 19, Qingda Boya garden, Shuangjie Town, Beichen District, Tianjin

Tel: 022-26970272

CERTIFICATE OF REGISTRATION



GREEN FACTORY CERTIFICATION CERTIFICATE

Registration number:126224MS5303R0S

HongTai Cable Co.,Ltd

Unified Social Credit Code: 911305287984281793

Registered address: Xiaokou Village, Dongwang Town, Ningjin County

Business address: Xiaokou Village, Dongwang Town, Ningjin County, Xingtai City, Hebei Province

After evaluation, Its organization's green factory system is in line with
CTS JC 005-2023 " Technical specification for green factory
certification" certification scope:

AAAAA

The green factory level involved in the production and service of wires and cables within the scope of qualification(AAAAA level)

Date of first certification: September 13th, 2024 The certificate is valid until: September 12th, 2027



1. Visit the official website of the National Certification and accreditation administration (www.cnca.gov.cn).
2. The certified organization shall be subject to regular supervision and audit, and the certificate shall continue to be valid only after being audited and qualified.

Jinchen Standard (Tianjin) Certification Group Co., LTD



CERTIFICATION CERTIFICATE OF INTELLIGENT MANUFACTURING MANAGEMENT SYSTEM

Registration number: 126224MS5304R0S

HongTai Cable Co.,Ltd

Unified Social Credit Code: 911305287984281793

Registered address: Xiaokou Village, Dongwang Town, Ningjin County

Business address: Xiaokou Village, Dongwang Town, Ningjin County, Xingtai City, Hebei Province

Certification meets the following standards

CTS JC 007-2023" Technical specification of intelligent manufacturing management system" Scope of certification:

A A A A A

Intelligent manufacturing maturity evaluation involved in the production and service of wires and cables within the scope of qualification(AAAAA level)

Date of first certification: September 13th, 2024

The certificate is valid until: September 12th, 2027



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Room 201, gate 2, building 19, Qingda Boya garden, Shuangjie Town, Beichen District, Tianjin

Tel: 022-26970272

CERTIFICATE OF REGISTRATION



Hongtai Cable Technology Co.,Ltd.

Website: <https://www.qlcables.com>

Factory Address:

Ningjin County Xingtai City Hebei Province China

Email: sales@qlcables.com/ export@qlcables.com

Phone: +86 18032066271/ 15081821939