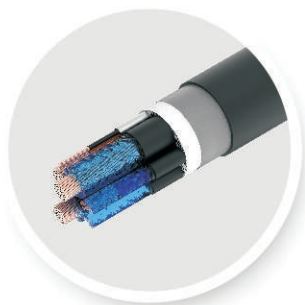




CHANGJIANG NEW ENERGY

**CHANG  
JIANG**



**Guangzhou Changjiang New Energy Technology Co., Ltd.**



CHANGJIANG NEW ENERGY



**Quality Efficient Professional**

## Company Profile



Guangzhou Changjiang New Energy Technology Co., Ltd. is a private high-tech enterprise specializing in the R&D, production, and marketing of wires and cables, as well as the marketing of auxiliary products. With a history of nearly 30 years in the cable business, the Company is mainly engaged in R&D, design, manufacture, marketing, and servicing of a wide range of special cables for new energy vehicles, charging piles, energy storage facilities, cables for transmission high-frequency high-definition signals, quality wires for home, industrial and control cables, flexible cables, data cables, communication cables, etc.

The Company has passed IATF 16949 and ISO 9001 quality management system certifications and more than ten safety regulations certifications, including UL, ETL, CE, CCC, CQC, and TUV, and has obtained access to the major markets around the world.

The Company keeps increasing investment in research and development and strengthening cooperation with higher education institutions and specialist research institutes. Now it holds over 35 invention and utility model patents and a number of invention patent applications. In 2016, it passed the R&D Institution and Small Giant of Technology certifications in Guangzhou. In 2017 and 2020, it passed the National High-Tech Enterprise certification.

The Company will focus on new energy cables, automotive/energy storage high-voltage cables, and continuously increase research and development investment to provide customers with high-quality products, services, and solutions.



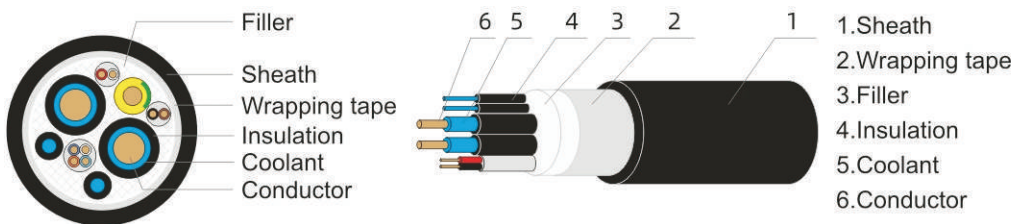


## Liquid-cooled charging pile cable



### Product Features

- High load performance, capable of withstanding a maximum current of 1,000A for continuous operation;
- Ultra-low temperature rise not exceeding 40°C at 1,000A current for continuous operation;
- Flexible and excellent user experience;
- Strong weather resistance, suitable for supercharging electric vehicles under various indoor and outdoor conditions;
- Rated voltage 1,500V, maximum operating power 1,500 KVA;
- Product standards, UL2263, IEC62893, and CQC1147.





## High-voltage cables for electric vehicles

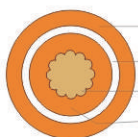
### High-voltage cable for energy storage



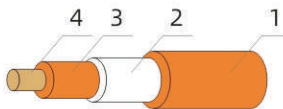
High-voltage cables for electric vehicles are used to connect charging ports to batteries, connect cells inside batteries, and connect batteries to engines and other components. As carriers for power, the high-voltage cables for electric vehicles must meet very high performance requirements due to the harsh application environment inside the vehicles.

#### Product Features

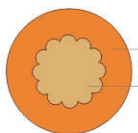
- Flexible with a bending radius greater than 5D;
- Resistance to high and low temperature, oil, acid, alkali, water, wear, cracking, and UV;
- High flame retardant performance, good conductivity, and low conductor temperature rise;
- All materials comply with the latest environmental standards of RoHS & REACH.



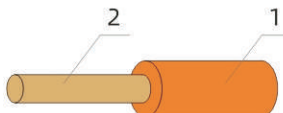
Sheath  
Braid + wrapping tape  
Conductor  
Insulation



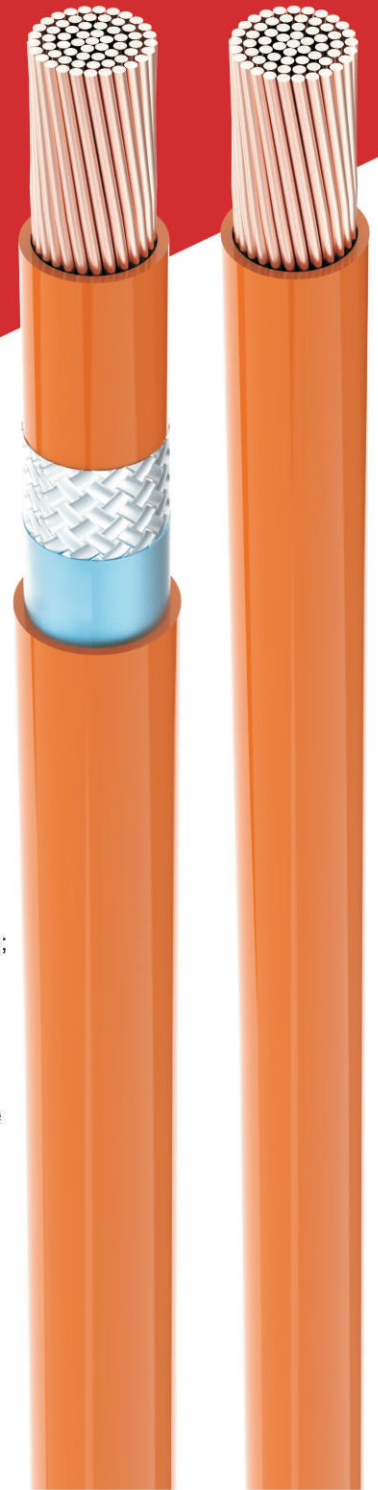
1. Sheath  
2. Braid + wrapping tape  
3. Insulation  
4. Conductor



Insulation  
Conductor



1. Insulation  
2. Conductor







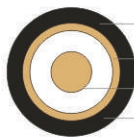
## High-voltage coaxial cables for nuclear power plants



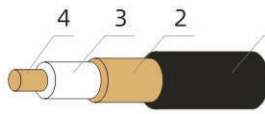
High-voltage coaxial cables for nuclear power plants are widely used in windings.

### Product Features

- High dielectric strength, able to withstand high voltage of DC40KV;
- Low circuit impedance,  $<2.76 \Omega/\text{km}$ ;
- Green and environmentally friendly, all materials comply with RoHS & REACH standards and are halogen-free.



Sheath  
Braid + wrapping tape  
Conductor  
Insulation



1. Sheath  
2. Braid + wrapping tape  
3. Insulation  
4. Conductor



## High-frequency communication cables for communication base stations and other facilities



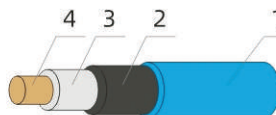
High-frequency communication cables for communication base stations and other facilities are compact in structure, with 20 coaxial conductors. The product has good flexibility and weather resistance and is suitable for various narrow installation spaces such as cabinets.

### Product Features

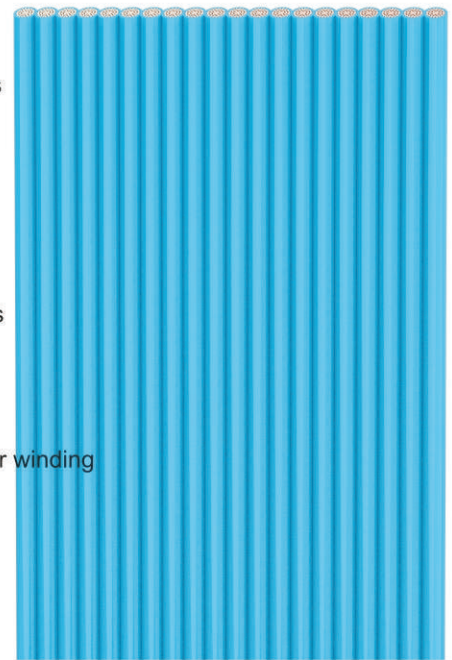
- Bandwidth, 10 Gbps;
- Rated humidity,  $-40 \sim 125^{\circ}\text{C}$ ;
- Green and environmentally friendly, all materials comply with RoHS & REACH standards and are halogen-free.



Central conductor  
FEP insulation  
Polyolefin sheath  
Silver plated copper winding



1. Center conductor  
2. Silver plated copper winding  
3. FEP insulation  
4. Polyolefin sheath





### **Combination cables**

---

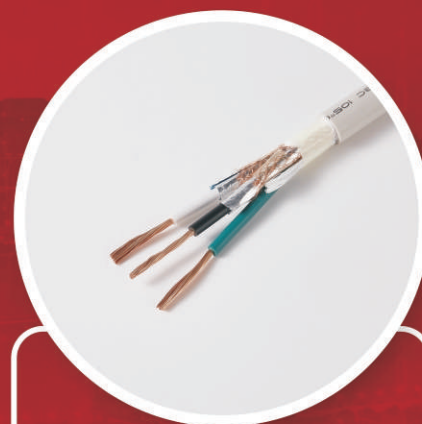
Combination cables are customized according to customer needs to combine various high-frequency signal cables, communication cables, and power cables together, saving installation space and installation costs.



### **Equipment installation cables**

---

Equipment installation cables for power and signal allow wiring in a one-off manner.



### **Air conditioning indoor unit power cables for North America**

---

UI21571, Air conditioning indoor unit power cables for North America



CHANGJIANG NEW ENERGY

**Guangzhou Changjiang New Energy Technology Co., Ltd.**

Address: No. 1 Yuanmei Road, Yuanmei Village, Sanjiang,  
Shitan Town, Zengcheng District, Guangzhou

Tel: +86-20-8291 7498-803

Fax: +86-20-8290 4603

Website: [www.cj-xny.cn](http://www.cj-xny.cn)