

## Product Description:



**Nominal Voltage:** 450/750V

**Conductor:** Oxygen free plain copper wire, class 2 conductor type

**Conductor nominal cross section area:** 0.75~4.0 sqmm

**Cores:** 2C, 4C, 2C+E

**Insulation:** Mica-glass tape flame barrier + X-HF-110

**Insulation color:** 2C: red + white; 4C: red + white + blue + black; 2C+E: red + white + naked earth

**Shield:** PET tape + Al. Foil + naked tinned copper strands earth core

**Sheath:** HFS-110-TP

**Sheath color:** Red or as per requirement

**Max. operating temperature:** 110°C

**Package:** 100 meters per roll, or 500 meters per reel, or wooden drum, or as per requirement

**Main product model:** Screened HF-110 fire rated cable, Shielded Fire resistance cable

**Product standard:** AS/NZS 5000.2, AS/NZS 3013 - WS52W

## Product characteristics:

Low smoking Halogen free, Fire resistance, UV resistance, Rohs compliant

## Product application:

For inclusion in wiring systems required to maintain circuit integrity under fire conditions. Wiring systems can be associated with firefighting, evacuation, emergency equipment, essential services and other safety functions in buildings, oil rigs, ships, and other structures.

## Product parameter: (more details please email us: [info@himakecable.com](mailto:info@himakecable.com))

Cores and conductor size (mm <sup>2</sup> )	Conductor	Insulation thickness (mm)	Earth core	Sheath thickness (mm)	Approx. O.D. (mm)
2×0.75	OFC	0.7	TC	1.2	9.5
2×1.5	OFC	0.7	TC	1.2	9.9
4×1.5	OFC	0.7	TC	1.2	11.7
2×0.75+E	OFC	0.7	TC	1.2	9.8
2×1.5+E	OFC	0.7	TC	1.2	10.2

4×1.5+E	OFC	0.7	TC	1.8	13.0
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## Product Advantages:

1. The conductor is made of **new pure annealed copper**, ensuring a good electrical properties and a very good conductivity.





2. We are a very **professional cable manufacturer** with advanced production equipments and strict quality inspection system, ensuring the products complying the standard and customized requirement.

### **Production equipments**



## **Products Quality inspection**





## Quality Comparison

### Purity of copper



**Excellent** 99.93% Oxygen Free Copper ,  
Bright color with long life time .



**Inferior** Copper including a lot of impurity  
Easy heat, short life Easily cause fire

### Flame Test



**Excellent** No spread , and release a little  
white smoke



**Inferior** Keep burning , and pop a lot of black  
HCL toxic smoke

### Resistance Test



**Excellent** low resistivity, high conductivity



**Inferior** High resistivity, High consumption .  
Easy to burning .

### Eccentricity Ratio



**Excellent** Insulation thickness uniformity



**Inferior** Insulation thickness nonuniform  
Easy electric leakage fire disaster,

### High Pressure Test



**Excellent** Jacket no any damage



**Inferior** Jacket damaged , reveal conductor

### High Temperature Test



**Excellent** Jacket no any damage



**Inferior** Jacket damaged , reveal conductor

### Low Temperature Test



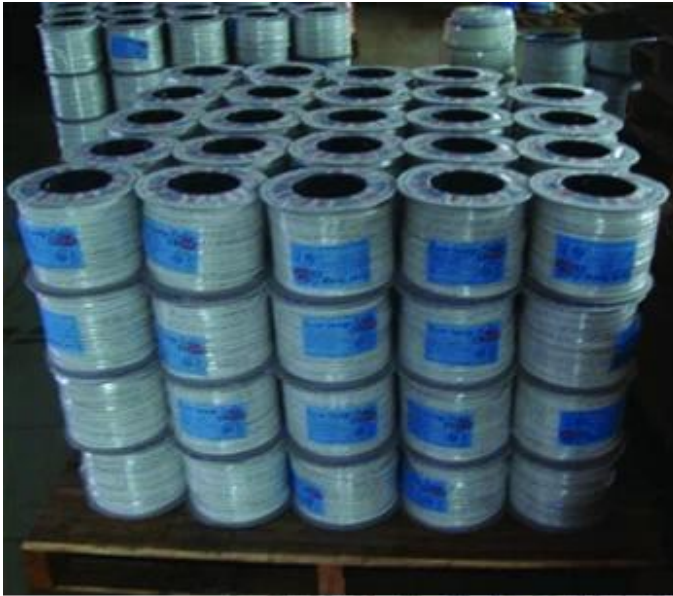
**Excellent** Jacket no any damage



**Inferior** Jacket damaged , reveal conductor

3. We have more than **10 years' export experience** and exported products to **more than 60 countries** over the world with a good reputation internationally and SAA certificate.





4. We not only offer **good products** and **good service** to our customers, but also try to **develop our staffs**, offer a good training, good working and living conditions to the staffs.





5. Also we are a company with **highly social responsibility**, often take part in public benefits activities, like tree planting, green environment activities, aiding poor students and the people in difficult condition to achieve their dreams,etc.



**How to contact us?**





Put your **inquiry details** in **the box below**, and click "**Contact Now**".