

Product Description:



Nominal Voltage: 0.6/1KV

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

Conductor nominal cross section area: 1.5~35sqmm

Cores: 2C+E, 3C+E, 4C+E

Insulation: Mica-glass tape flame barrier + X-90 XLPE

Insulation color: 2C+E: red + black + green/yellow; 3C+E: red + white + blue + green/yellow; 4C+E: red + white + blue + black + green/yellow

Sheath: HFS-90-TP

Sheath color: Orange, Red or as per requirement

Max. operating temperature: 90°C

Package: wooden drum, or as per requirement

Main product model: X-90 fire rated cable, Fire resistance cable

Product standard: AS/NZS 5000.1, AS/NZS 3013 - WS52W

Product characteristics:

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)

Cores and conductor size (mm ²)	Conductor type	O.D. range (mm)	Approx. cable weight (kg/km)	Min. bending radius (mm)
2×1.5+E	OFC class 2	11.6~12.2	175	95
2×2.5+E	OFC class 2	12.6~13.3	210	100
2×4.0+E	OFC class 2	13.3~14.0	250	110
2×6.0+E	OFC class 2	14.3~14.9	310	115
2×10+E	OFC class 2	15.8~16.6	420	130
2×16+E	OFC class 2	17.8~18.7	580	140
3×1.5+E	OFC class 2	12.5~13.2	200	105
3×2.5+E	OFC class 2	13.7~14.2	250	115

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

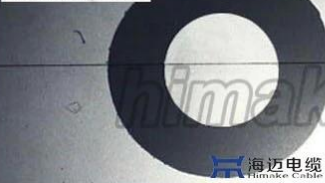
low resistivity, high conductivity



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**".