



450/750V

2-core

0.75~4.0sqmm

2C, 4C, 2C+E

+ X-HF-110

2 C: 2 + 2; 4 C: 2 + 2 + 2 + 2 C + E 2 + 2 + 2

HFS-110-TP

110 °C

AS / NZS 5000.2 AS / NZS 3013-WS52W

HF-110

AS / NZS 5000.2 AS / NZS 3013-WS52W

AS / NZS 5000.2 AS / NZS 3013-WS52W

### ROHS

ROHS

### TABLE

Table with 6 columns: Conductor cross-section (mm²), Insulation thickness, Conductor diameter, Jacket thickness, Total diameter, and Weight (kg/km).

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Conductor cross-section (mm <sup>2</sup> )	Insulation thickness	Conductor diameter	Jacket thickness	Total diameter	Weight (kg/km)
2 x 0.75	0.2	0.7	TC	1.2	9.5
2 x 1.5	0.2	0.7	TC	1.2	9.9
4 x 1.5	0.2	0.7	TC	1.2	11.7
2 x 0.75 + E	0.2	0.7	TC	1.2	9.8
2 x 1.5 + E	0.2	0.7	TC	1.2	10.2
4 x 1.5 + E	0.2	0.7	TC	1.8	13.0

### TABLE

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## 2. 000000 000

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## 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. 10mm 60mm





4. □□□□□□ □□□□ □ □□□□□ □□□□□□□□□□ □□□□□□□□□□□□□□□□□□□□□□



5. 環境保護活動の様子



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