



#### Features:

- Compliant to AS1670.2015
- Red Sheath for Fire Alarm Application
- Easy to strip and terminate
- Available with White Stripe for speaker circuit identification
- Twisted version available for addressable systems
- AS/ACIF S008 compliant
- Metre markings
- 200m and 500m Rolls
- PVC Best Practice Certified

### Product characteristics:

Flame retardant, Fire resistance, UV resistance, RoHS compliant

### Product application:

Suitable for cabling from the fire alarm, OWS and EWIS panels to detectors, speakers, horns, strobes, field modules, etc.

#### Standards:

<b>Conductors:</b>	AS/NZS 1125
<b>Insulation:</b>	AS/NZS 3808
<b>Sheath:</b>	AS/NZS 3808
<b>Cable:</b>	AS/ACIF S008
<b>ACMA Supplier Code No:</b>	N 24281

#### Construction:

<b>Conductors:</b>	Stranded Annealed Copper
<b>Insulation:</b>	PVC V-90
<b>Insulation Color:</b>	Red, White
<b>Sheath:</b>	PVC V-90
<b>Sheath Color:</b>	Red
<b>Voltage Rating:</b>	250/250V (Not suitable for Mains Supply)

Cores	Cross Section (mm <sup>2</sup> )	Conductor No./Dia	Core Lay Up	Lengths	Insulation /Sheath Thickness	Overall Size
2	0.75	7 / 0.37	Flat	200/500	0.6 / 0.8	6.4 x 4.1
2	1.50	7 / 0.52	Flat	200/500	0.6 / 0.8	7.2 x 4.5

Cores	Cross Section (mm <sup>2</sup> )	Conductor No./Dia	Core Lay Up	Lengths	Insulation /Sheath Thickness	Overall Size
2	1.00	7 / 0.42	Flat*	200/500	0.6 / 0.9	7.2 x 4.3
2	1.50	7 / 0.52	Flat *	200	0.6 / 0.9	7.2 x 4.5

## 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

