



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:

| | |
|-------------------------------|--------------|
| Conductors: | AS/NZS 1125 |
| Insulation: | AS/NZS 3808 |
| Sheath: | AS/NZS 3808 |
| Cable: | AS/ACIF S008 |
| ACMA Supplier Code No: | N 24281 |

Construction:

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

| Cores | Cross Section (mm ²) | 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 ²) | 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

