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 inluding 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

U 011485
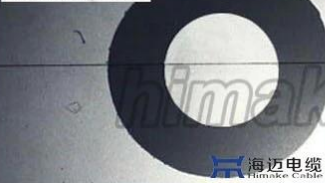
U 030930

Excellent — low resistivity, high conductivity

Inferior — High resistivity, High consumption. Easy to buring.

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