

## SAA 250 / 250V TPS 250 / 250V

250 / 250V

2

V-90 PVC V-75 PVC LSZH

3V-90 PVC LSZH

75°C 90°C



### 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

UV RoHS

OWS EWIS

### 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)

<b>Cores</b>	<b>Cross Section (mm<sup>2</sup>)</b>	<b>Conductor No./Dia</b>	<b>Core Lay Up</b>	<b>Lengths</b>	<b>Insulation /Sheath Thickness</b>	<b>Overall Size</b>
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

<b>Cores</b>	<b>Cross Section (mm<sup>2</sup>)</b>	<b>Conductor No./Dia</b>	<b>Core Lay Up</b>	<b>Lengths</b>	<b>Insulation /Sheath Thickness</b>	<b>Overall Size</b>
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

