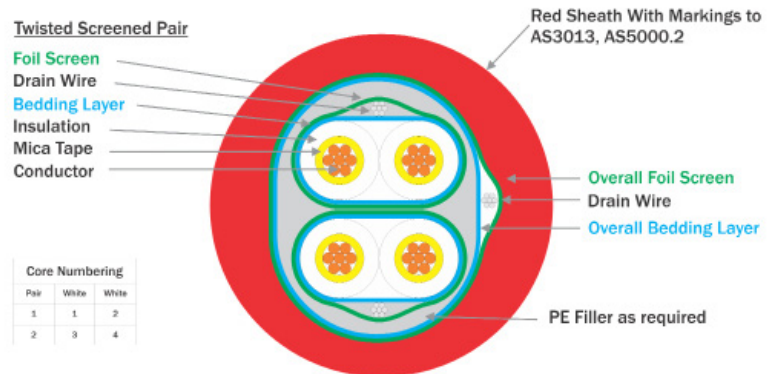


### FEATURES

- ✓ AS/NZS 3013 Approved
- ✓ AS/NZS 5000.2 Approved
- ✓ AS/CA S008 Compliant
- ✓ 450/750V rated
- ✓ Flame retardant
- ✓ Twisted inner cores
- ✓ Individually screened pairs
- ✓ Overall screened
- ✓ LSZH insulation and sheath
- ✓ 8 twists per metre



### PRODUCT DESCRIPTION

FireSense fire rated control cables have been specifically designed for use with Australian Fire Alarm and fan control systems.

FireSense cables have been independently tested and approved by Warrington Fire to the requirements of AS/NZS 3013 for both fire and mechanical cable properties. All FireSense cables are certified 2 hour fire rated.

FireSense fire rated cables have been tested and approved to AS/NZS 5000.2 and comply with the requirements of AS/CA S008.

The cable's copper conductors and firm insulation material allows for neat placement on cable trays and allows ease of stripping and termination.

Screening reduces the electrical noise & reduces the impact on signals.

### ORDERING INFORMATION\*

Part Number	No. of Cores	Conductor Cross Section (mm <sup>2</sup> )	Approx Overall Diameter (mm)	AS/NZS 3013 Rating
FR-1.50-2PS	4 (2 pair)	1.50	18mm	WS52W

\*Indent item - MOQs and lead times may apply.

**TECHNICAL SPECIFICATIONS**

<b>Conductors</b>	Stranded Annealed Copper
<b>Flame Barrier</b>	Mica Tape
<b>Insulation</b>	Flame Retardant, Low Smoke, Zero Halogen (X-HF-110)
<b>Sheath</b>	Flame Retardant, Low Smoke, Zero Halogen (HFS-110-TP)*
<b>Voltage Rating</b>	450/750V
<b>Operating Temperature</b>	-25°C to +110°C
<b>Insulation Colour</b>	White numbered cores (2 Pair)
<b>Sheath Colour</b>	Red
<b>Min Bending Radius</b>	10 x Cable Diameter
<b>Screen</b>	Aluminium/polyester laminate

\* Please note: LSZH HFS-110-TP sheath material is UV stabilised but red colour may be subject to fading over time if exposed to direct sunlight.

**STANDARDS COMPLIANCE**

<b>Fire &amp; Mechanical</b>	AS/NZS 3013
<b>Cable Construction</b>	AS/NZS 5000.2
<b>ACMA Compliance</b>	AS/CA S008
<b>Conductors</b>	AS/NZS 1125
<b>Insulation</b>	AS/NZS 3808
<b>Sheath</b>	AS/NZS 3808
<b>Cable</b>	AS/CA S008
<b>Cable Performance</b>	AS/NZS 4507 (RHE-3)
<b>Vertical Flame Spread</b>	AS/NZS 1660.5.1 (Section 6 - Category C - AS/NZS IEC 60332-3-24)
<b>Smoke Density</b>	AS/NZS 1660.5.2, AS/NZS IEC 61034
<b>Halogen Gas</b>	AS/NZS 1660.5.3, AS/NZS IEC 60754-1
<b>Acidity of Gases</b>	AS/NZS 1660.5.4, AS/NZS IEC 60754-2
<b>Vertical Flame Propagation</b>	AS/NZS 1660.5.6, AS/NZS IEC 60332-1

#### CLASSIFICATION

AS/NZS 3013 is a classification system which defines the performance of a Wiring System (WS). The classification system prefix is 'WS' followed by two numerals and a supplementary letter W. ie

#### AS/NZS 3013 Fire Rated Cable Technical Information

##### Classification of the fire and mechanical performance of wiring system elements:

AS/NZS 3013 is a classification system which defines the performance of a Wiring System (WS). The classification system prefix is 'WS' followed by two numerals and a supplementary letter W. ie.

