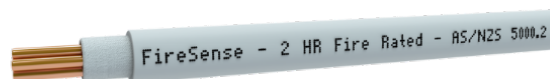## FEATURES

- ✓ 2HR Fire Rated
- ✓ Ideal for conduit work
- ✓ AS/NZS 3013 Certified
- ✓ AS/CA S008 Compliant
- ✓ RCM Certified
- ✓ 500m rolls only
- ✓ Available in red & white
- ✓ Low smoke zero halogen (PVC Free) Third Party Accredited

PRODUCT DESCRIPTION

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

Our 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 and are the only fire rated cables in Australia to have ActivFire Certification.

All FireSense fire rated series cables are made from LSZH materials and have received third party PVC Free Certification from GECA (Good Environmental Choice Australia).

The cable's copper conductors and small outer diameter is ideal for use within conduits.

Note: There is no mechanical protection.

ORDERING INFORMATION

Part Number	No. of Cores	Cross Section (mm²)	Copper Wire Diameter (mm)	Approx Overall Diameter (mm)	AS/NZS 3013 Classification	Colour
FR-1.50-1C-W-500	1	1.50	0.52	3.9	WS5x	White
FR-1.50-1C-R-500	1	1.50	0.52	3.9	WS5x	Red

TECHNICAL SPECIFICATIONS

Conductors	Stranded Annealed Copper
Flame Barrier	Mica Tape
Insulation	Flame Retardant, Low Smoke, Zero Halogen (X-HF-110)*
Voltage Rating	250/250V
Operating Temperature	-25ºC to +110ºC
Insulation Colour	Red or White
Min Bending Radius	10 x Cable Diameter

* 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

Fire & Mechanical	AS/NZS 3013
ACMA	AS/CA S008
Conductors	AS/NZS 1125 Class 2
Cable Performance	AS/NZS 4507 (RHE-3)
Insulation	AS/NZS 3808
Markings	AS 1670:2018

APPROVALS & CERTIFICATION

Part Number	AS/NZS 3013		
	Rating	Certificate No.	Issuer
FR-1.50-1C-R-500	WS5x	SFC2401600a.1	Warrington Fire
FR-1.50-1C-W-500	WS5x	SFC2401600a.1	Warrington Fire

RCM Responsible Supplier	E6560	Level 3	GMA-511152
GECA Claims Authentication License Number	Fir-2021		
Bureau Veritas CoC Number	2835		

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QLD
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MURARRIE 4172
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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

WS	5	x

The First numeral indicates the wiring system's ability to maintain circuit integrity during a fire condition.

1	15 minutes
2	30 minutes
3	60 minutes
4	90 minutes
5	120 minutes