



ACTIVE FIRE PROTECTION-EQUIPMENT LISTING SCHEME

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PRODUCT LISTING DATA SHEET (Active Fire Protection Equipment)

Product designation

FireSense, FR Series, fire rated cables

(Refer to the Technical Specification section of this document for further specific detail)

Supplier

FireSense Pty Ltd

Unit 6, 16 Lexington Drive, Norwest Business Park, BELLA VISTA, NSW, AUSTRALIA, 2153

Manufacturer

FireSense Pty Ltd

Unit 6, 16 Lexington Drive, Norwest Business Park, BELLA VISTA, NSW, AUSTRALIA, 2153

Supplier's description

FireSense, FR Series, fire rated cables have been specifically designed for use with Australian Fire Alarm and EWIS and have been independently evaluated for conformity by EXOVA / 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.

The cable's 7 stranded copper conductors and firm insulation material also allows for neat placement on cable trays and allows ease of stripping and termination.

It is the manufacturer's recommendation that FireSense stainless steel cable ties be used for fixing cable to tray every 1.0 meter when mounted horizontal and every 0.6 metres when mounted vertically.

Conformance criteria and evaluation

The FireSense, FR Series, fire rated cables has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian/New Zealand Standard AS/NZS 3013:2005, 'Electrical installations - Classification of the fire and mechanical performance of wiring system elements'.

Certification/listing is subject to ActivFire Scheme terms and conditions as applicable to the designated registrant and supplier.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this Product Listing Data Sheet, are derived from qualifications within the report of the testing agency and/or other related technical documentation. It is recommended that all details with respect to design, assembly and installation instructions and restrictions should be checked against the supplier's/manufacturer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. Reference should be made to the relevant test report to determine applicability to a proposed installation



This product listing data sheet should be read in conjunction with the general requirements of the terms and conditions of listing under the ActivFire Scheme.

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Executive Officer

Technical specification

The following details are a representative extract of the technical specification for the FireSense, FR Series, fire rated cables and may be subject to change. Complete and current details should be determined from the designated supplier's/manufacturer's technical manual/data sheets.

Part number	Num. of cores	Cross-section	Conductors/strands/diameter	Overall diameter	Classification	Drum length	Certificate of test ident.
FR-0.75-2C-250	2	0.75 mm ²	7 / 0.37 mm	9.6 mm	WS51W	250 m	SFC 2331900a.1 (PC: Type 1)
FR-0.75-2C-500	2	0.75 mm ²	7 / 0.37 mm	9.6 mm	WS51W	500 m	SFC 2331900a.1 (PC: Type 1)
FR-0.75-2CS-500	2	0.75 mm ²	7 / 0.37 mm	10.1 mm	WS51W	500 m	SFC 2331900b.1 (PC: Type 3)
FR-1.00-2C-250	2	1.00 mm ²	7 / 0.42 mm	9.9 mm	WS51W	250 m	SFC 24560a-01 (PC: Type 5)
FR-1.00-2C-500	2	1.00 mm ²	7 / 0.42 mm	9.9 mm	WS51W	500 m	SFC 24560a-01 (PC: Type 5)
FR-1.50-2C-250	2	1.50 mm ²	7 / 0.52 mm	10.3 mm	WS52W	250 m	SFC 2401600a.1 (PC: Type 2)
FR-1.50-2C-500	2	1.50 mm ²	7 / 0.52 mm	10.3 mm	WS52W	500 m	SFC 2401600a.1 (PC: Type 2)
FR-1.50-2CS-500	2	1.50 mm ²	7 / 0.52 mm	10.5 mm	WS52W	500 m	SFC 2401600b.2 (PC: Type 4)
FR-2.50-2C	2	2.50 mm ²	7 / 0.67 mm	10.4 mm	WS52W	-	SFC 24560c-01 (PC: Type 9)
FR-1.50-3C	3	1.50 mm ²	7 / 0.52 mm	10.0 mm	WS52W	-	SFC 24560d-01 (PC: Type 7)
FR-1.50-4C-250	4	1.50 mm ²	7 / 0.52 mm	12.0 mm	WS52W	250 m	SFC 24560b-01 (PC: Type 8)
FR-1.50-4C-500	4	1.50 mm ²	7 / 0.52 mm	12.0 mm	WS52W	500 m	SFC 24560b-01 (PC: Type 8)
FR-1.50-4C	4	1.50 mm ²	7 / 0.52 mm	12.0 mm	WS52W	-	SFC 24560b-01 (PC: Type 8)

Supplementary information

Nil supplementary information.