



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 3862</b>	11-Dec-2023	Number 3	Issue date 21-Dec-2023	30-Apr-2025

Page 1 of 3

## Product designation

**Fire Factory Australia, Fire Rated Fire Alarm Cable series, fire rated cables**

(Refer to the Schedule/enclosures for further specified details)

## Agent/distributor

Fire Factory Australia  
24 Picken Street, SILVERWATER, NSW, AUSTRALIA, 2128

## Registrant

Fire Factory Australia  
24 Picken Street, SILVERWATER, NSW, AUSTRALIA, 2128

## Conformance criteria and evaluation

The Fire Factory Australia, Fire Rated Fire Alarm Cable 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'.

## Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer'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 its applicability to the proposed installation.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

Kaj Loh  
Executive Officer – ActivFire Scheme



# Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 3862</b>	11-Dec-2023	Number 3	Issue date 21-Dec-2023	30-Apr-2025

## Technical specification

The following details are a representative extract of the technical specification for the Fire Factory Australia, Fire Rated Fire Alarm Cable series, fire rated cables and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

### Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

Part number	Num. of cores	Cross-section	Overall diameter	Cable Group	Classification	Report ident.
RFR-WS2C-0.75	2	0.75 mm <sup>2</sup>	Ø9.8 mm <sup>2</sup>	4	WS51W	FRT230089 R1.0 FRT230090 R1.0
RFR-WS2C-1.0	2	1.0 mm <sup>2</sup>	Ø10.0 mm <sup>2</sup>	4	WS51W	FCO-3530
RFR-WS2C-1.5	2	1.5 mm <sup>2</sup>	Ø10.30 mm <sup>2</sup>	4	WS51W	FCO-3530
RFR-2C-0.75	2	0.75 mm <sup>2</sup>	Ø9.6 mm <sup>2</sup>	4	WS51W	FRT230089 R2.0 FRT230090 R3.0
RFR-2C-1.0	2	1.0 mm <sup>2</sup>	Ø10.0 mm <sup>2</sup>	4	WS51W	FCO-3530
RFR-2C-1.5	2	1.5 mm <sup>2</sup>	Ø10.30 mm <sup>2</sup>	4	WS51W	FCO-3530
RFR-2C-2.5	2	2.5 mm <sup>2</sup>	Ø11.80 mm <sup>2</sup>	4	WS51W	FCO-3530
RFR-2C-4.0	2	4.0 mm <sup>2</sup>	Ø13.70 mm <sup>2</sup>	4	WS51W	FCO-3530
RFR-2C-6.0	2	6.0 mm <sup>2</sup>	Ø16.20 mm <sup>2</sup>	4	WS51W	FCO-3530

## Supplementary information

### Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Datasheet	2hr-Fire-Rated-White-Stripe-Data-Sheet-2_1 f.png	FFA Fire Factory Australia Fire Rated Alarm Cable 2hr Fire Rated With White Stripe (2hr-Fire-Rated-White-Stripe-Data-Sheet-2_1 f.png)	12-Dec-2023	Fire Factory Australia Pty Ltd, AU
	FFA-DATA-FIRE-ALARM-CABLE-2HR-FIRE-RATED-2-CORE-Datasheet_1 f.png	FFA Fire Factory Australia Fire Rated Alarm Cable 2hr Fire Rated (FFA-DATA-FIRE-ALARM-CABLE-2HR-FIRE-RATED-2-CORE-Datasheet_1 f.png)	12-Dec-2023	
Report No.	FCO-3530	The Classification of various Fire Factory Australia Cables in accordance with AS/NZS 3013:2005 Appendix A,B, D and E Assessment Report	20-Dec-2023	CSIRO, Fire Testing and Assessments, AU
	FRT230090 R1.0	Fire resistance test report Test standard: Appendix A of AS/NZS 3013:2055 Test sponsor: Fire Factory (Australia) Pty Ltd Product: FFA Red with white stripe 2 × 0.75 mm <sup>2</sup> Light Duty Cable – Model no – RFR-WS2C-0.75 Job number: FRT230090 Test date: 10 July 2023   Revision: R1.0 (20230721-FRT230090 R1.0.pdf)	21-Jul-2023	Warringtonfire Australia Pty Ltd, AU
	FRT230089 R1.0	Mechanical impact and cutting test report Test standard: Appendix D and E of AS/NZS 3013:2005 Test sponsor: Fire Factory (Australia) Pty Ltd Product: FFA Red with white stripe 2 × 0.75 mm <sup>2</sup> Light Duty Cable – Model no – RFR-WS2C-0.75 Job Number: FRT230089 Test date: 14 & 20 July 2023   Revision: R1.0 (20230727-FRT230089 R1.0.pdf)	27-Jul-2023	
	FRT230090 R3.0	Fire resistance test report Test standard: Appendix A of AS/NZS 3013:2055 Test sponsor: Fire Factory (Australia) Pty Ltd Product: FFA Red 2 × 0.75 mm <sup>2</sup> Light Duty Cable – Model no – RFR-2C-0.75 Job number: FRT230090 Test date: 10 July 2023   Revision: R3.0 (20230721-FRT230090 R3.0.pdf)	21-Jul-2023	

# Schedule to Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 3862</b>	11-Dec-2023	Number 3	Issue date 21-Dec-2023	30-Apr-2025
				Page 3 of 3

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
	FRT230089 R2.0	Mechanical impact and cutting test report Test standard: Appendix D and E of AS/NZS 3013:2005 Test sponsor: Fire Factory (Australia) Pty Ltd Product: FFA Red 2 × 0.75 mm <sup>2</sup> Light Duty Cable – Model no – RFR-2C-0.75 Job Number: FRT230089 Test date: 14 & 20 July 2023   Revision: R2.0 (20230727-FRT230089 R2.0.pdf)	27-Jul-2023	