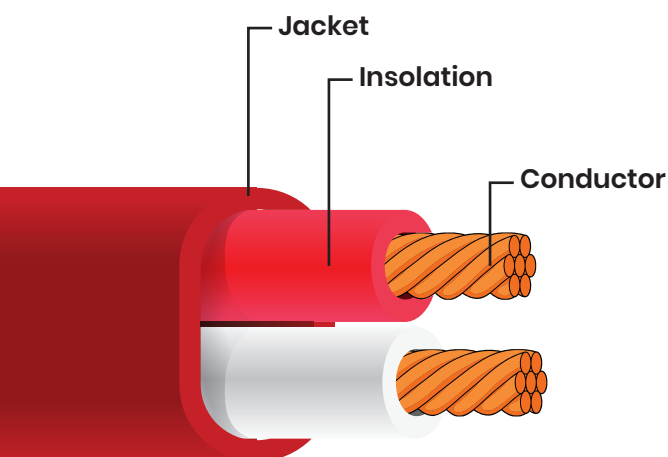


Flat Red TPS Fire Alarm Cable



Product Overview

Fire Factory Australia's Flat Red TPS Fire Alarm Cable is a two-core cable with a red PVC outer jacket. Its flat profile and red finish make it easy to identify during installation. The product sheet lists applications in fire alarm, security and intercom systems, as well as power-limited circuits. The cable is available in 0.75 mm², 1.0 mm² and 1.5 mm² conductor sizes, with 100 m and 200 m packing options.



Applications

- Fire alarm systems
- Security systems
- Intercom systems
- Power-limited circuits

Cable selection should follow the system design and the requirements of the installation.

Cable Construction

Component	Material or construction
Conductors	Stranded bare copper
Insulation	V-90 PVC
Outer jacket	Red V-90 PVC, RAL 3000

General Information

Property	Specification
Rated voltage	250/250 V
Operating temperature	-25°C to +90°C
Mechanical protection classification shown for all six models	WSX1
Core identification	Core 1: Red; Core 2: White
Supplied length	100 m and 200 m

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Cable Construction

Product code	Conductor size	Cores	Stranding	Nominal insulation thickness	Nominal jacket thickness	Nominal overall diameter
RTPS-F2C-0.75	0.75 mm ²	2	7	0.60 mm	0.80 mm	4.10 × 6.40 mm
RTPS-F2C-1.0	1.0 mm ²	2	7	0.60 mm	0.80 mm	4.30 × 7.20 mm
RTPS-F2C-1.5	1.5 mm ²	2	7	0.60 mm	0.80 mm	4.50 × 7.20 mm

Electrical Performance

Product code	Conductor	Maximum DC resistance at 20°C	Capacitance	Inductance
RTPS-F2C-0.75	0.75 mm ²	≤24.3 Ω/km	78 ± 15 pF/m	0.70 µH/m
RTPS-F2C-1.0	1.0 mm ²	≤19.7 Ω/km	76 ± 15 pF/m	0.69 µH/m
RTPS-F2C-1.5	1.5 mm ²	≤12.8 Ω/km	75 ± 15 pF/m	0.68 µH/m

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Standards

Aspect	Reference shown
Mechanical performance	AS/NZS 3013
ACMA compliance	AS/CA S008
Conductors	AS/NZS 1125
Insulation and jacket	AS/NZS 3808
Markings	AS 1670:2018



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Contact: Fire Factory Australia

Fire Factory Australia periodically improves its products. As a result, product specifications and details may change without prior notice. Please contact us to confirm the latest information before ordering.

(02) 9756 0087

www.firefactory.com.au