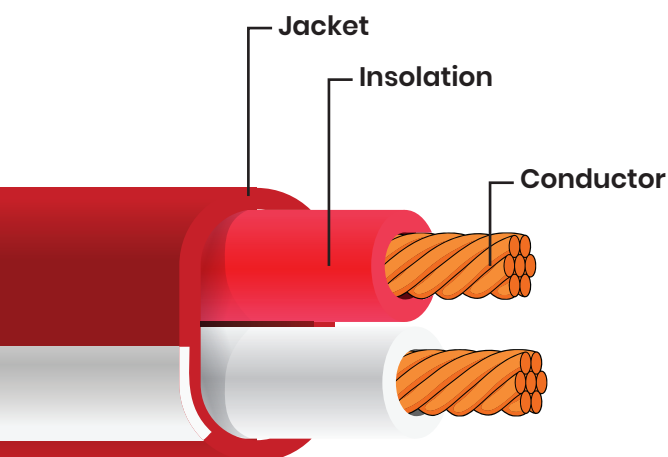


Flat Red TPS Fire Alarm Cable With White Stripe



Product Overview

Fire Factory Australia's Flat Red TPS Fire Alarm Cable With White Stripe is a two-core cable with a flat red PVC outer jacket and a white identification stripe. The product sheet lists it for fire alarm, security and intercom systems, as well as power-limited circuits.

The range is available in 0.75 mm², 1.0 mm² and 1.5 mm² conductor sizes. Each model uses stranded bare copper conductors and V-90 PVC insulation.



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Applications

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

Cable selection should follow the system design and installation requirements.

Cable Construction

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

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-FWS2C-0.75	0.75 mm ²	2	7	0.60 mm	0.80 mm	4.10 × 6.40 mm
RTPS-FWS2C-1.0	1.0 mm ²	2	7	0.60 mm	0.80 mm	4.30 × 7.20 mm
RTPS-FWS2C-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-FWS2C-0.75	0.75 mm ²	≤24.3 Ω/km	78 ± 15 pF/m	0.70 µH/m
RTPS-FWS2C-1.0	1.0 mm ²	≤19.7 Ω/km	76 ± 15 pF/m	0.69 µH/m
RTPS-FWS2C-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



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.

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