



## **FIRE RATED CATENARY**



### **FR - Fire Rated Hanger**

- Established & tested products - industry proven products tested in accordance with AS/NZ3013:2005
- M10 anchors as standard - quick and simple installation
- 3 mm & 6 mm wire rope - the most lightweight and discreet solutions for various loads up to 5 kg per metre
- Industry standard support fixings - quick and simple installation
- Suitable substitute for expensive fire rated cable tray - save time and money compared to traditional methods

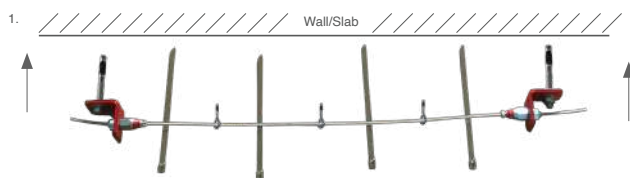
## Product Specification

Ideal for running lengths of electrical cable where a fire rating is a requirement. Provided as a ready-to-use kit for concrete installations.

- Established & tested products - industry proven products tested in accordance with AS/NZ3013:2005: certified to Appendix C. Classification WS5X (2 hours) with a peak temperature of 1050 Degrees Celsius
- M10 anchors as standard - quick and simple installation
- 3 mm & 6 mm wire rope - the most lightweight and discreet solutions for various loads up to 5 kg per metre
- Industry standard support fixings - quick and simple installation
- Suitable substitute for expensive fire rated cable tray - save time and money compared to traditional methods
- Design life of the system will be 20 years in a C3 corrosion environment.
- Coated Angle brackets to provide the separation required to avoid bimetallic corrosion



## Installations



1. Install anchor points and attach brackets and FRTZ
2. Install the supporting concrete support every 1000 mm to ensure the rope is secured to the slab
3. The wire rope should be installed hand tight and not tensioned
4. The cable should be supported with cable ties every 200 mm

## System Components



Anchor & Brackets



Wire Span



Intermediary Supports



Cable Ties

Kit Code	Wire Span	Supports	Load Rating kg
CAT3-FP-5M CAT3-FP-10M CAT3-FP-15M CAT3-FP-20M CAT3-FP-25M CAT3-FP-30M	5 metre 10 metre 15 metre 20 metre 25 metre 30 metre	- Concrete Ring Anchor every 1000 mm - Cable Tie every 200 mm	1 kg per metre
CAT6-FP-5M CAT6-FP-10M CAT6-FP-15M CAT6-FP-20M CAT6-FP-25M CAT6-FP-30M	5 metre 10 metre 15 metre 20 metre 25 metre 30 metre	- Concrete Ring Anchor every 1000 mm - Cable Tie every 200 mm	5 kg per metre

## Materials

Mild Steel (Type EN1A) - Bright Zinc Plated  
316 Stainless Steel  
304 Stainless Steel  
Assorted carbon steels  
**Wire Size:** 3 mm or 6 mm

## Testing

Fully tested in accordance with AS/NZ3013:2005: certified to Appendix C. Classification WS5X (2 hours) with a peak temperature of 1050 Degrees Celsius  
Australia Patent No. 2020104330

Contact the Gripple Technical Team to confirm product compatibility for the intended application.



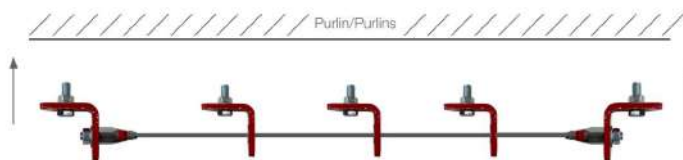
## Product Specification

Ideal for running lengths of electrical cable where a fire rating is a requirement. Provided as a ready-to-use kit for purlin installations.

- Established & tested products - industry proven products tested in accordance with AS/NZ3013:2005: certified to Appendix C. Classification WS5X (2 hours) with a peak temperature of 1050 Degrees Celsius
- M10 anchors as standard - quick and simple installation
- 3 mm & 6 mm wire rope - the most lightweight and discreet solutions for various loads up to 5 kg per metre
- Industry standard support fixings - quick and simple installation
- Suitable substitute for expensive fire rated cable tray - save time and money compared to traditional methods
- Design life of the system will be 20 years in a C3 corrosion environment.
- Coated Angle brackets to provide the separation required to avoid bimetallic corrosion



## Installation



1. Install anchor points and attach brackets and FRTZ
2. Install the supporting purlin support every 1200 mm to ensure the rope is secured to the purlin
3. The wire rope should be installed hand tight and not tensioned
4. The cable should be supported with cable ties every 200 mm

## System Components



Anchor & Brackets



Wire Span



Intermediary Supports



Cable Ties

Kit Code	Wire Span	Supports	Load Rating kg
CAT3-FP-6M-P CAT3-FP-12M-P CAT3-FP-18M-P CAT3-FP-24M-P CAT3-FP-30M-P	6 metre 12 metre 18 metre 24 metre 30 metre	- Angle bracket and Purlin Bolt support every 1200 mm - Cable Tie every 200 mm	1 kg per metre
CAT6-FP-6M-P CAT6-FP-12M-P CAT6-FP-18M-P CAT6-FP-24M-P CAT6-FP-30M-P	6 metre 12 metre 18 metre 24 metre 30 metre	- Angle bracket and Purlin Bolt support every 1200 mm - Cable Tie every 200 mm	5 kg per metre

## Materials

Mild Steel (Type EN1A) - Bright Zinc Plated  
316 Stainless Steel  
304 Stainless Steel  
Assorted carbon steels

**Wire Size:** 3 mm or 6 mm

## Testing

Fully tested in accordance with AS/NZ3013:2005: certified to Appendix C. Classification WS5X (2 hours) with a peak temperature of 1050 Degrees Celsius  
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