Fastcat Kits

Create hi-tensile wire rope spans to quickly and securely run electrical cable efficiently in any application in a visually clean and professional manner.

- Fastest Catenary Wire kit installation process - up to 5 X faster than conventional systems
- Highly flexible and adaptable - suited to a range of installations
- Visually discreet and lightweight - a clean, aesthetic solution
- Can be fitted retrospectively
- Ready-to-use kits

	Wire Length	Lock	Anchors	Drillbit
CAT2-100-10-C30	100 m	10	30	✓
CAT2-250-30-C60	250 m	30	60	✓
CAT2-500-50-C100	500 m	60	100	✓

CAC Concrete Anchor Installation

** MUST USE 6MM DRILL BIT FOR INSTALLATION

STEP 1

Using a 6mm drill bit, drill a hole into the base material to a depth of at least one anchor diameter deeper than the embedment required.

STEP 2

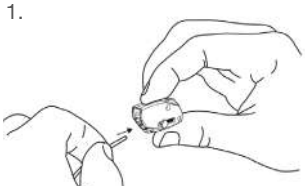
Blow the hole clean of dust and other material.

STEP 3

Making sure the wire is pulled to side and clear of hammer, drive the anchor into the anchor hole until the head is firmly seated against the concrete.

Fastcats Lock Installation & Adjustment

1.



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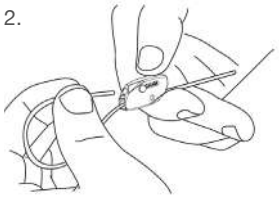

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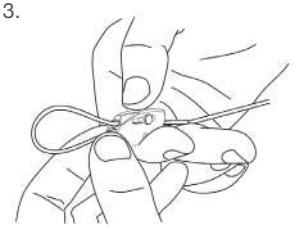

Release/ Adjust

Ensure a minimum 75 mm of tail wire exits the hanger.

CAC ANCHOR - Installation into concrete

Important Notes:

Working loads of concrete fixings may vary due to concrete variations. Please consult a Fastcats Product Specialist for more details.

Installation in Hollow Core Concrete:

The concrete manufacturers recommendation of both location and hole depth needs to be considered. The CAC concrete anchor hole should be 32mm. If a hole is made into the hollow section of the concrete and less than 32mm of concrete exists for the CAC concrete anchor to hold, this will reduce the working load. Consult a Fastcats Product Specialist about a suitable alternative fixing.

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Fastcat Accessories

CUTTER-GRIPPLE

Small Wire Cutter

- Purpose made for cutting wire up to 3 mm in diameter
- Hardened jaws for durability
- Lightweight design for ease of use

CTI-D-6MM-TOOL

Lightweight Tensioning Tool

- Apply tension easily with the 6:1 gear drive mechanism
- Compact, easy to handle, operate and carry
- Can be used on 2 to 6 mm wire rope

SP1

Starter Pack 1

- Purpose made for cutting wire up to 3 mm in diameter
- Small Wire Cutter
- Lightweight Tensioning Tool

FC2

Fastcats Lock

- Up to six times faster to install than traditional hanging systems
- Ergonomic side release functionality allows for rapid adjustment
- Discreet and aesthetic design

CAC-100PK

Concrete Ceiling Anchor

- Self-expanding under load - Minimum embedment depth of 40 mm
- Easy and fast to install, simply drill and hammer in
- Discrete design for aesthetic install

CAT2-ACCBOX

Fastcats Accessory Box

- Additional components for Fastcats Catenary Wire Kits
- 50 x FC2 Locks
- 100 x CAC anchors
- Drill Bit

Site install of FASTCATS Catenary Kit

Each **Fastcats Catenary Wire Kit** comes complete with everything needed to quickly install lightweight cable catenary solutions and 5 time quicker to install.

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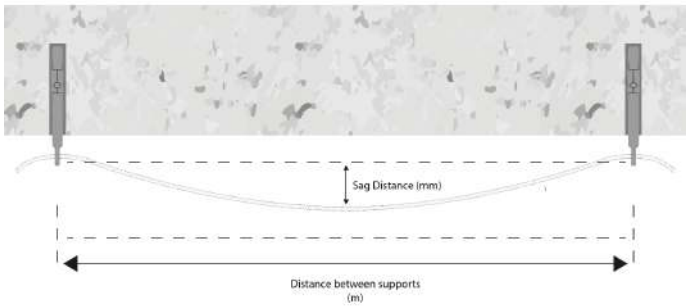
Load Ratings & Support Spacing

When installing Fastcats catenary spans it is crucial to install supports at appropriate intervals based on the load (kg/m) and the tension of the wire.



The lower the tension of the wire (i.e the greater the sag between each support), the greater the distance can be between each support and the greater the load per metre.

The tables below outline the permissible installation scenarios based on the weight per metre to be supported, the distance between supports, and the allowable sag.

Choose the relevant load table based on your kg/m load requirements and you will see the spacing and sag options available to you.

Correct installation for 0.25 kg/m

0.25 kg/m	Allowable drop between supports (sag - in mm)						
Spacing (m)	100	50	20	10	5	2	1
1	✓	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓	✓
3	✓	✓	✓	✓	✓	✓	×
4	✓	✓	✓	✓	✓	×	×
5	✓	✓	✓	✓	✓	×	×

Correct installation for 1.5 kg/m

1.5 kg/m	Allowable drop between supports (sag - in mm)						
Spacing (m)	100	50	20	10	5	2	1
1	✓	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	×	×
3	✓	✓	✓	✓	×	×	×
4	✓	✓	✓	×	×	×	×
5	✓	✓	×	×	×	×	×

Correct installation for 0.5 kg/m

0.5 kg/m	Allowable drop between supports (sag - in mm)						
Spacing (m)	100	50	20	10	5	2	1
1	✓	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓	×
3	✓	✓	✓	✓	✓	×	×
4	✓	✓	✓	✓	✓	×	×
5	✓	✓	✓	✓	×	×	×

Correct installation for 2.0 kg/m

2.0 kg/m	Allowable drop between supports (sag - in mm)						
Spacing (m)	100	50	20	10	5	2	1
1	✓	✓	✓	✓	✓	✓	×
2	✓	✓	✓	✓	✓	×	×
3	✓	✓	✓	✓	×	×	×
4	✓	✓	✓	×	×	×	×
5	✓	✓	×	×	×	×	×

Correct installation for 0.75 kg/m

0.75 kg/m	Allowable drop between supports (sag - in mm)						
Spacing (m)	100	50	20	10	5	2	1
1	✓	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓	×
3	✓	✓	✓	✓	✓	×	×
4	✓	✓	✓	✓	×	×	×
5	✓	✓	✓	✓	×	×	×

Correct installation for 2.5 kg/m

2.5 kg/m	Allowable drop between supports (sag - in mm)						
Spacing (m)	100	50	20	10	5	2	1
1	✓	✓	✓	✓	✓	✓	×
2	✓	✓	✓	✓	×	×	×
3	✓	✓	✓	×	×	×	×
4	✓	✓	×	×	×	×	×
5	✓	✓	×	×	×	×	×

Correct installation for 1.0 kg/m

1.0 kg/m	Allowable drop between supports (sag - in mm)						
Spacing (m)	100	50	20	10	5	2	1
1	✓	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	×	×
3	✓	✓	✓	✓	✓	×	×
4	✓	✓	✓	✓	×	×	×
5	✓	✓	✓	×	×	×	×

Correct installation for 3.0 kg/m

3.0 kg/m	Allowable drop between supports (sag - in mm)						
Spacing (m)	100	50	20	10	5	2	1
1	✓	✓	✓	✓	✓	✓	×
2	✓	✓	✓	✓	×	×	×
3	✓	✓	✓	×	×	×	×
4	✓	✓	×	×	×	×	×
5	✓	✓	×	×	×	×	×

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