



BLACK SYSTEM



The system designed to blend in with its surroundings, offering installations with extra discretion.

THE BLACK SYSTEM consists of blackened wire rope in a variety of diameters and lengths supplied either on reels or in pre-determined lengths, along with the corresponding Zip-Clip locking device(s).

The option of reels gives installers the flexibility to custom-fit desired drop lengths on-site for both lightweight or heavy-duty installations.

Zip-Clip devices are utilised to anchor the wire rope to a ceiling or anchor point, as well as to the desired fixture or fitting.

APPLICATIONS

SUITABLE AREAS OF USE INCLUDE, BUT ARE NOT LIMITED TO:

- Electrical containment
- Lighting and audio
- HVAC and mechanical services
- Signage and display, screens and partitions
- Acoustic and radiant heat panels
- Bracing
- Catenaries
- Theatres
- Exhibitions
- Concert halls
- Cinemas
- Retail environments



Some also available in lockable versions.

| SYSTEM | DEVICE | WIRE ROPE | SWL (KG) |
|--|--------|-----------|----------|
| G | KL50 | R200G | 15 |
| S | KL100 | R100S | 50 |
| | | R200S | |
| | | R500S | |
| Y | KL150 | R100Y | 120 |
| P | KL200 | R100P | 300 |
| N | KL600 | R100N | 500 |
| Note: G-system not recommended for HVAC. | | | |

FEATURES

- Key-free release locking device(s) for easy adjustment.
- Single die-cast locking devices (zinc alloy).
- High tensile galvanised steel wire rope.
- 18th Edition Amendment 2:2022 compliant.
- Designed-in safety factor.
- Ideal for both short drop lengths in small void spaces and for very long wire rope supports.
- Wire rope supplied on reels in dispensing box or as pre-determined lengths.
- Can be used as a wrap-around solution for applications such as I-beams or purlins.

AVAILABILITY

Zip-Clip have five different systems which are allocated a letter to differentiate between the available safe working loads (SWL).

Each system comprises a specific diameter of wire rope, and comes with the required Zip-Clip device. See Table for systems available.

- Loads indicated are per individual wire rope support when coupled with the appropriate Zip-Clip locking device.
- All safe working loads and certifications are based on the Zip-Clip Rize devices being used in conjunction with Zip-Clip high tensile wire rope.
- Zip-Clip cannot guarantee the safe working load of a product when used with non Zip-Clip wire rope and cannot support projects where non Zip-Clip wire rope has been used.

Zip-Clip Loop-It suspension systems are also available as part of the Black system. Technical specifications and usability are as the standard versions, only the colour is different.

Note: Aluminium ferrule on Black Loop-It system will be grey coloured.



INSTALLATION

- Install ceiling/anchor termination as detailed elsewhere in this guide.

Standard Devices

- Pass the wire rope through the Zip-Clip device in the direction of the arrow.
- Loop the wire rope through or around the anchor point.
- Pass the wire rope back through the Zip-Clip allowing 15 cm of wire rope protruding.
- Apply tension.
- Always confirm engagement of the zip clip device on the wire rope by pushing the adjustment pin in the opposite direction of the arrows indicated on the side of the device.

Lockable Devices

Zip-Clip devices are also available in a lockable version offering a more secured method of wire rope suspension.

- Unscrew the M4 locking nut and bolt until the adjustment pin is pushed back fully.
- Pass one end of the wire rope through the Zip-Clip in the direction of the arrow and draw enough wire rope to go around your fixing point.
- Pass the wire rope back through the Zip-Clip leaving at least 15 cm of wire rope protruding.
- Tighten the M4 locking bolt and nut until the adjustment pin can no longer be moved.
- Always confirm engagement of the Zip-Clip device on the wire rope by pushing the adjustment pin in the opposite direction of the arrows indicated on the side of the device.



| CODE | DESCRIPTION | SWL | PACK QTY |
|--------------|---|--------|----------|
| KL100/BLK | Black Rize KL100 | 50 kg | 10 |
| R100S/BLK | Black 100 m S wire reel in dispenser box | 50 kg | 1 |
| R200S/BLK | Black 200 m S wire reel in dispenser box | 50 kg | 1 |
| R500S/BLK | Black 500 m S wire reel in dispenser box | 50 kg | 1 |
| KL150/BLK | Black Rize KL150 | 120 kg | 10 |
| R100Y/BLK | Black 100 m Y wire reel in dispenser box | 120 kg | 1 |
| KL200/BLK | Black Rize KL200 | 300 kg | 10 |
| R100P/BLK | Black 100 m P wire reel in dispenser box | 300 kg | 1 |
| KL600/BLK | Black Rize KL600 | 500 kg | 10 |
| R100N/BLK | Black 100 m N wire reel in dispenser box | 500 kg | 1 |
| KL100LOK/BLK | Black Rize KL100 Lockable | 50 kg | 10 |
| KL150LOK/BLK | Black Rize KL150 Lockable | 120 kg | 10 |
| KL200LOK/BLK | Black Rize KL200 Lockable | 300 kg | 10 |
| KL600LOK/BLK | Black Rize KL600 Lockable | 500 kg | 10 |
| BLK/PLEK1G | 1 m Black Loop-It standard loop suspension system* | 15 kg | 10 |
| BLK/PLEK2G | 2 m Black Loop-It standard loop suspension system* | 15 kg | 10 |
| BLK/PLEK3G | 3 m Black Loop-It standard loop suspension system* | 15 kg | 10 |
| BLK/PLEK4G | 4 m Black Loop-It standard loop suspension system* | 15 kg | 10 |
| BLK/PLEK5G | 5 m Black Loop-It standard loop suspension system* | 15 kg | 10 |
| BLK/PLEK10G | 10 m Black Loop-It standard loop suspension system* | 15 kg | 10 |
| BLK/PLEK1S | 1 m Black Loop-It standard loop suspension system* | 50 kg | 10 |
| BLK/PLEK2S | 2 m Black Loop-It standard loop suspension system* | 50 kg | 10 |
| BLK/PLEK3S | 3 m Black Loop-It standard loop suspension system* | 50 kg | 10 |
| BLK/PLEK4S | 4 m Black Loop-It standard loop suspension system* | 50 kg | 10 |
| BLK/PLEK5S | 5 m Black Loop-It standard loop suspension system* | 50 kg | 10 |
| BLK/PLEK10S | 10 m Black Loop-It standard loop suspension system* | 50 kg | 10 |
| BLK/PLEK1Y | 1 m Black Loop-It standard loop suspension system* | 90 kg | 10 |
| BLK/PLEK2Y | 2 m Black Loop-It standard loop suspension system* | 90 kg | 10 |
| BLK/PLEK3Y | 3 m Black Loop-It standard loop suspension system* | 90 kg | 10 |
| BLK/PLEK4Y | 4 m Black Loop-It standard loop suspension system* | 90 kg | 10 |
| BLK/PLEK5Y | 5 m Black Loop-It standard loop suspension system* | 90 kg | 10 |
| BLK/PLEK10Y | 10 m Black Loop-It standard loop suspension system* | 90 kg | 10 |
| BLK/PLEK1P | 1 m Black Loop-It standard loop suspension system* | 300 kg | 10 |
| BLK/PLEK2P | 2 m Black Loop-It standard loop suspension system* | 300 kg | 10 |
| BLK/PLEK3P | 3 m Black Loop-It standard loop suspension system* | 300 kg | 10 |
| BLK/PLEK4P | 4 m Black Loop-It standard loop suspension system* | 300 kg | 10 |
| BLK/PLEK5P | 5 m Black Loop-It standard loop suspension system* | 300 kg | 5 |
| BLK/PLEK10P | 10 m Black Loop-It standard loop suspension system* | 300 kg | 5 |
| BLK/PLEK1N | 1 m Black Loop-It standard loop suspension system* | 500 kg | 10 |
| BLK/PLEK2N | 2 m Black Loop-It standard loop suspension system* | 500 kg | 10 |
| BLK/PLEK3N | 3 m Black Loop-It standard loop suspension system* | 500 kg | 10 |
| BLK/PLEK4N | 4 m Black Loop-It standard loop suspension system* | 500 kg | 10 |
| BLK/PLEK5N | 5 m Black Loop-It standard loop suspension system* | 500 kg | 5 |
| BLK/PLEK10N | 10 m Black Loop-It standard loop suspension system* | 500 kg | 5 |

* Please Note: Pressed aluminium ferrule (swage) on Loop-It systems will be grey coloured.