



# Fairy & Icicle Lights Quick Connect System

**24V LED / COMMERCIAL GRADE**



INDOOR  
OUTDOOR



UV  
STABILISED



24V EXTRA  
LOW VOLTAGE



OUTDOOR  
IP RATED



2 YEAR  
WARRANTY



COMMERCIAL  
GRADE



VANDAL  
RESISTANT



GREEN  
FRIENDLY



AUSTRALIAN  
DESIGNED

# Fairy Lights



**FIREFLY LIGHTING**

Phone : +61 7 3254 4333

Email : sales@fireflylighting.com.au

Address : 9/29 Links Ave North, Eagle Farm, Brisbane QLD 4009 Australia

[www.fireflylighting.com.au](http://www.fireflylighting.com.au)

**PRODUCT RANGE - STATIC**

**24V LED STRAIGHT STRING**

**COMMERCIAL GRADE / QUICK CONNECT SYSTEM**

Firefly Fairy Lights are the ideal solution for many applications. Straight strings come in 5m and 10m lengths. Simply connect and install. No need for cutting, soldering, or taping, saving you time and expensive labour costs. A variety of LED states provide mesmerising lighting effects with warm / cool whites and selected colours.

**Static**  
 Always ON for a constant light glow.

**Glitter**  
 LEDs randomly flash for a sparkling glitter glow.

**Fire Fly**  
 LEDs randomly pulse in and out for a shimmering glow.

**Golden Warm White Static Range**

FL-GW-5-WH

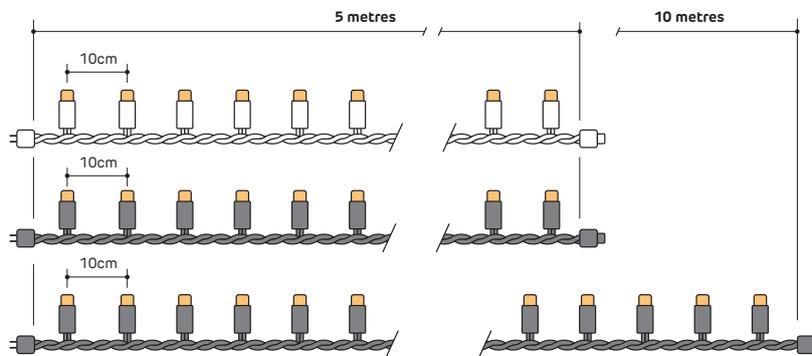
Golden warm white

FL-GW-5-BL

Golden warm white

FL-GW

Golden warm white



WHITE cable and LED base



BLACK cable and LED base



**Colours Static Range**

FL-CW

Cool white

FL-R

Red

FL-G

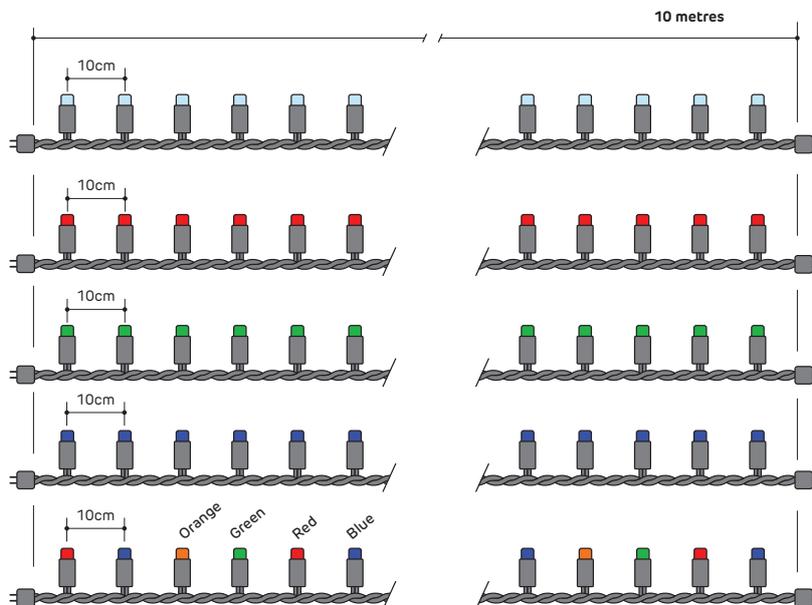
Green

FL-B

Blue

FL-MC

Multi coloured



# Fairy Lights

**PRODUCT RANGE - GLITTER**

**24V LED STRAIGHT STRING**

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**Static**  
Always ON for a constant light glow.



**Glitter**  
LEDs randomly flash for a sparkling glitter glow.



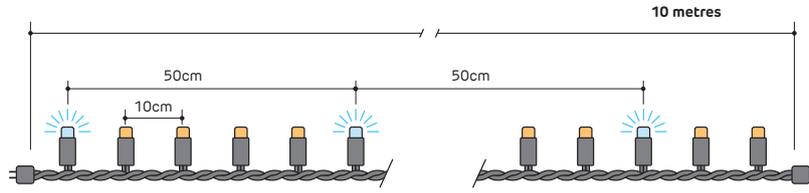
**Fire Fly**  
LEDs randomly pulse in and out for a shimmering glow.



**Glitter Range**

**FL-GW-1F**

Golden warm white static with cool white glitter



**FL-FO-2F**

Golden warm white glitter



**FL-FO-3F**

Golden warm white glitter with cool white glitter



**FL-FO-4F**

Lime green slow pulsing firefly effect



BLACK cable and LED base



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## SPECIFICATIONS

### 24V LED STRAIGHT STRING

### COMMERCIAL GRADE / QUICK CONNECT SYSTEM



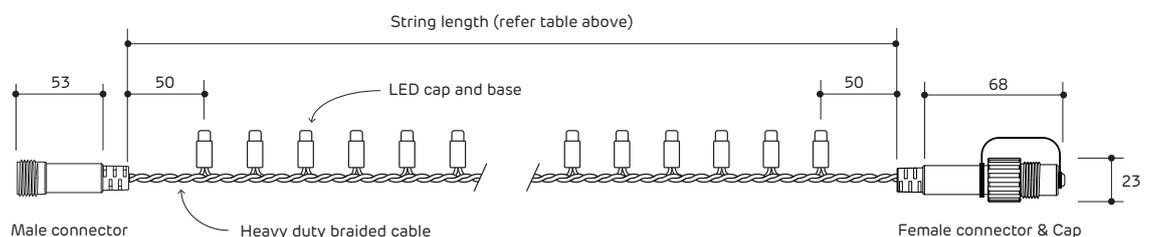
Firefly Lighting Quick Connect System makes light work of creating spectacular architectural lighting effects. Made stronger and robust for Australia's extreme weather conditions, the Firefly Lighting Quick Connect System is designed to provide you with greater creative flexibility while significantly reducing the time and labour required for installation. The Quick Connect System is only limited by your imagination, and is fully interchangeable with our Fairy Light Straight String and Icicle String ranges.



Range	Golden Warm White		Colours					Glitter				
<b>PRODUCT CODE</b>	FL-GW-5-WH	FL-GW-5-BL	FL-GW	FL-CW	FL-R	FL-G	FL-B	FL-MC	FL-GW-1F	FL-FO-2F	FL-FO-3F	FL-FO-4F
<b>Colour Designation</b>												
	Golden Warm White		Cool White	Red	Green	Blue	Multi Colour: Orange, Green, Red, Blue	Golden Warm White Static + Cool White Glitter	Golden Warm White Glitter	Golden Warm White Glitter + Cool White Glitter	Lime Green FireFly effect	
<b>String length metres</b>	5m		10m									
<b>LEDs per string length</b>	50		100								25	
<b>LED Spacing ( page 3 )</b>	Standard								Glitter Spacing			
<b>Cable Colour</b>	White	Black										
<b>Net Weight per piece</b>	0.5 kg		1.0 kg									
<b>Dimmable</b>	Yes (with dimmable PWM driver)								No			
<b>CCT</b>	2200K		6500K	Various								
<b>Power watts per string length</b>	2.5W	5W	4W	3.2W	4W			1.6W				
	<b>Cable</b> 1 x 0.50mm, 1 x 0.75mm Quick Connect System / <b>Voltage</b> 24 V DC / <b>LED Cap</b> Clear / <b>IP Rating</b> IP65											

## DIMENSIONS

Shown in millimetres



# Icicle Lights



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**PRODUCT RANGE**

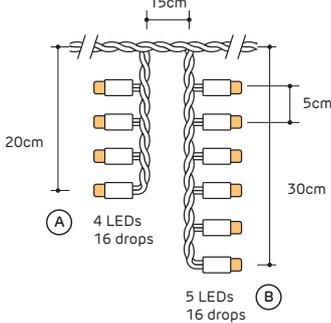
**24V LED ICICLE STRING**

**COMMERCIAL GRADE / QUICK CONNECT SYSTEM**

**Static Range**

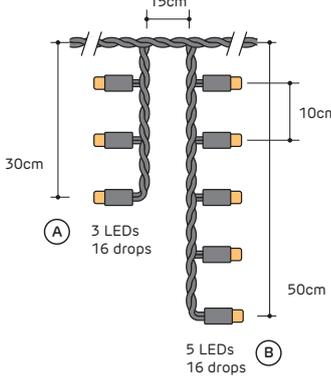
**IC-GW-23**

160 LEDs



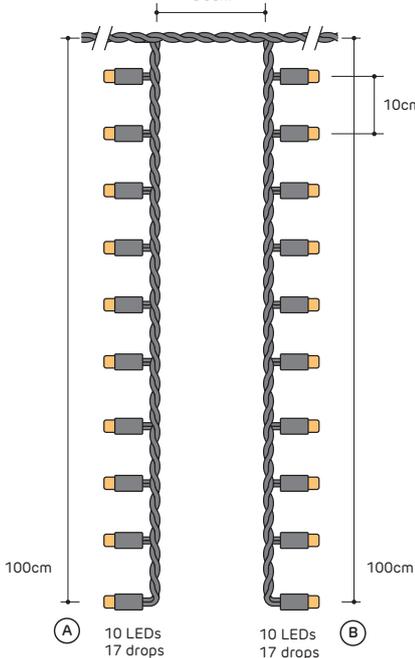
**IC-GW-35**

128 LEDs



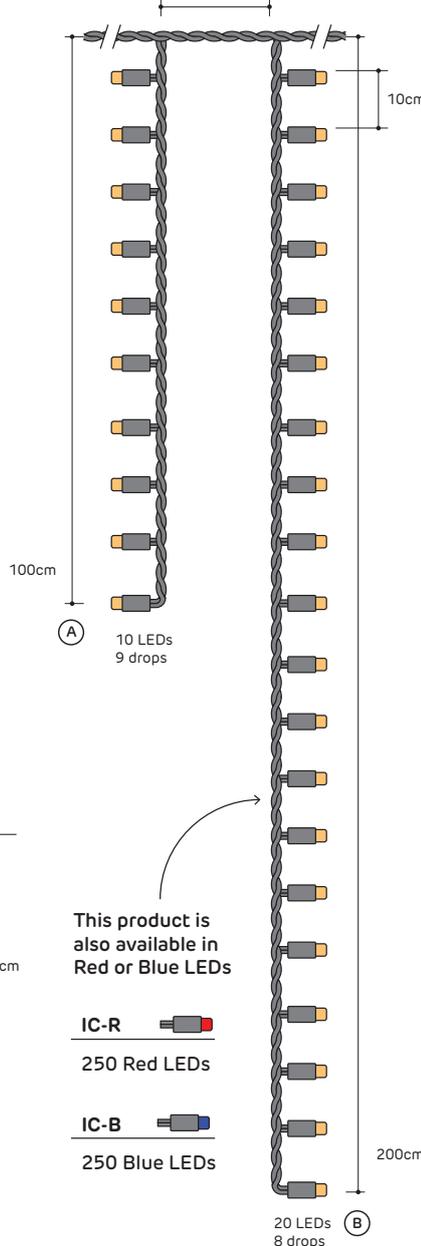
**IC-GW-11**

170 LEDs



**IC-GW-12**

250 LEDs



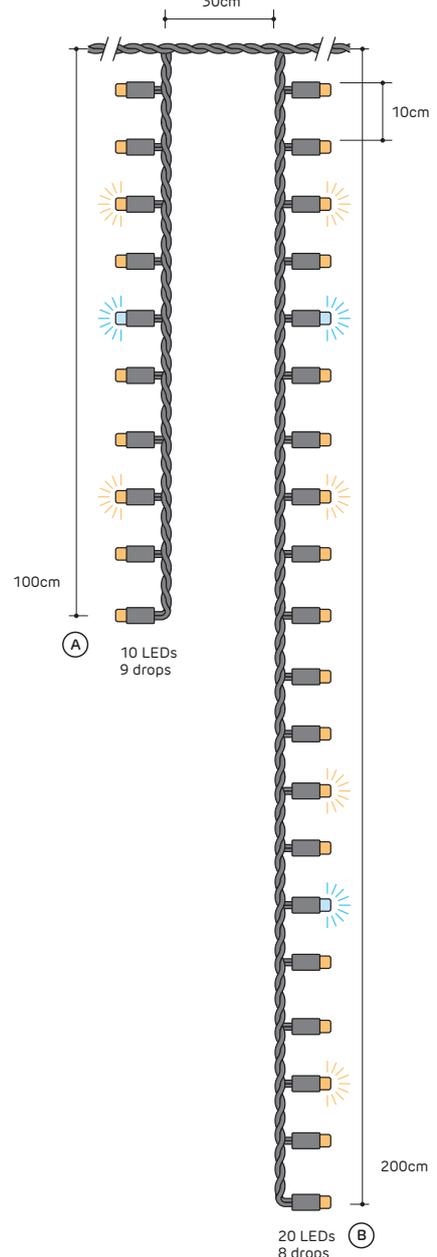
This product is also available in Red or Blue LEDs

- IC-R** 250 Red LEDs
- IC-B** 250 Blue LEDs

**Golden Warm White Static with Warm White and Cool White Glitter**

**IC-GW-3F**

250 LEDs



Firefly Icicle Lights are the ideal solution for many applications. String lengths are 5m. Simply connect and install. No need for cutting, soldering, or taping, saving you time and expensive labour costs A variety of LED states provide mesmerising lighting effects with warm / cool whites and selected colours.



BLACK cable and LED base

# Icicle Lights



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**SPECIFICATIONS**

**24V LED ICICLE STRING**

**COMMERCIAL GRADE / QUICK CONNECT SYSTEM**



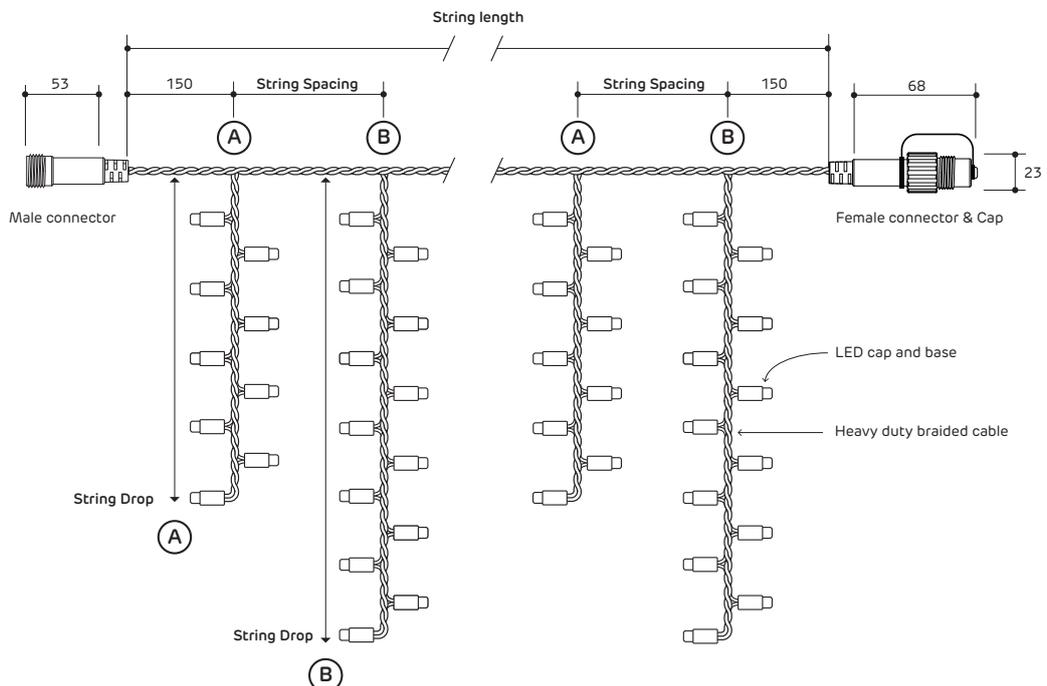
More than just simple Christmas lights, Firefly Lighting's Icicle Lighting provide a versatile alternative for creating stunning lighting effects. Firefly Lighting's Icicle Lights are ideal for wrapping large trees and structures, or creating a light canopy inside a marquee or shade structure. They're super easy to install too, saving you time and expensive labour costs. Our Icicle Lights also use our unique Quick Connect System that's fully interchangeable with our other Fairy Light ranges.



Range	Golden Warm White				Colours		Glitter
Product ID	IC-GW-23	IC-GW-35	IC-GW-11	IC-GW-12	IC-R	IC-B	IC-GW-3F
Colour Designation							
	Golden Warm White				Red	Blue	Golden Warm White Static with Warm White and Cool White Glitter
String length metres	5m						
Quantity of LEDs per string length	160	128	170	250	250	250	250
LED Spacing ( see page 4 )	Small	Standard					
String Drop (A) / String Drop (B)	20/30 cm	30/50 cm	100/100 cm	100/200 cm	100/200 cm	100/200 cm	100/200 cm
Cable Colour	White	Black					
Net Weight kilograms	1.4	1.4	2	2.8	2.8	2.8	2.8
Dimmable	Yes (with dimmable PWM driver)						No
CCT	2200K				Various		
Power watts	6.5w	5w	13w	18.5w	8w	18w	16w
	<b>Cable</b> 1 x 0.50mm, 1 x 0.75mm Quick Connect System / <b>Voltage</b> 24 V DC / <b>LED Cap</b> Clear / <b>IP Rating</b> IP65						

**DIMENSIONS**

Shown in millimetres



# Fairy & Icicle Lights



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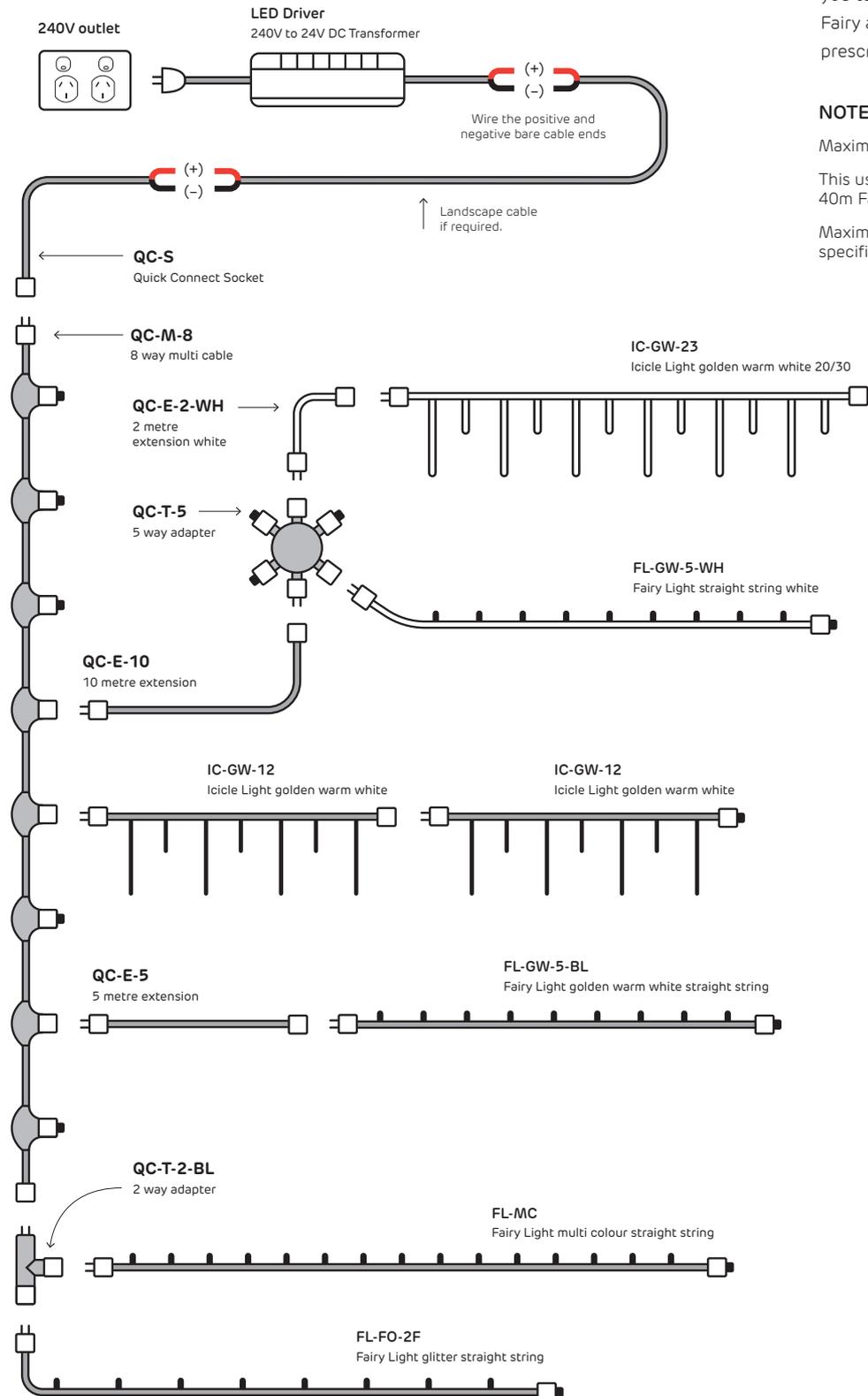
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## SYSTEM LAYOUT

### 24V LED FAIRY AND ICICLE LIGHTS

#### COMMERCIAL GRADE / QUICK CONNECT SYSTEM



Firefly Lighting's Quick Connect System used across our Fairy Light and Icicle ranges allows you to easily connect additional strings of Fairy and Icicles lights in the same run within prescribed max run lengths.

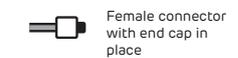
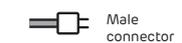
## NOTES

Maximum cable length from the LED driver is 50m.

This usually consists of 10m extension cables and 40m Fairy Light straight strings.

Maximum connectable lengths noted on specification sheets.

## KEY



Ensure all bare end cables are finished off with resin filled heat shrink to ensure IP rating is maintained.

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## SYSTEM ACCESSORIES

### 24V LED FAIRY AND ICICLE LIGHTS

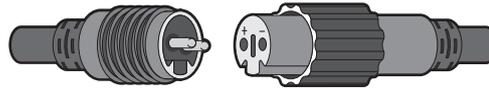
#### COMMERCIAL GRADE / QUICK CONNECT SYSTEM

Firefly Lighting's Quick Connect System used across our Fairy Light and Icicle ranges allows you to easily connect additional strings of Fairy and Icicles lights in the same run within prescribed max run lengths.

Our simple plug n play system integrates polarity wiring and water proof connections into a easy to use scaleable solution.



#### CABLE COLOUR

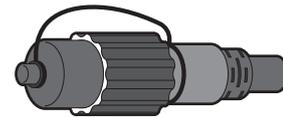


#### MALE CONNECTOR

2 prongs with positive and negative pre wired.

#### FEMALE CONNECTOR

Pushes into the male connector and screws tight to seal.



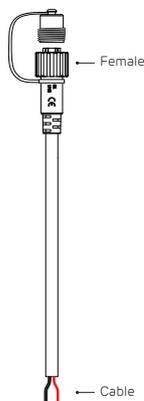
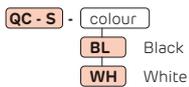
#### UNUSED CONNECTORS

Screw the end cap onto the end of the female connector to seal.

### QC-S

#### Quick Connect Socket

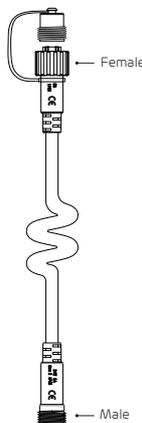
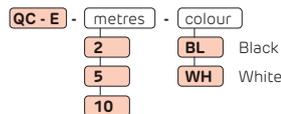
Connects the LED driver to the Firefly Quick Connect System.



### QC-E

#### Quick Connect Extension Cable

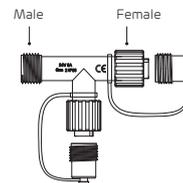
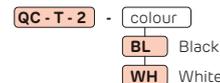
Available in 2m, 5m and 10m lengths.



### QC-T-2

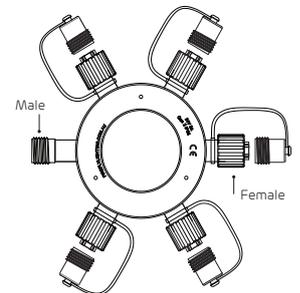
#### Quick Connect Adapters

Connect up to 50m of Firefly Fairy Lights from each output. Max 50m length from output taking into account any extension cables and tail length from LED driver.



### QC-T-5

QC-T-5 Black



### QC-M

#### Quick Connect Multi Outlet cable

Connect up to 50m of Firefly Fairy Lights from each output. Max 50m length from output taking into account any extension cables and tail length from LED driver.

