Firefly LIGHTING

Fairy Lights

GENERATION 2

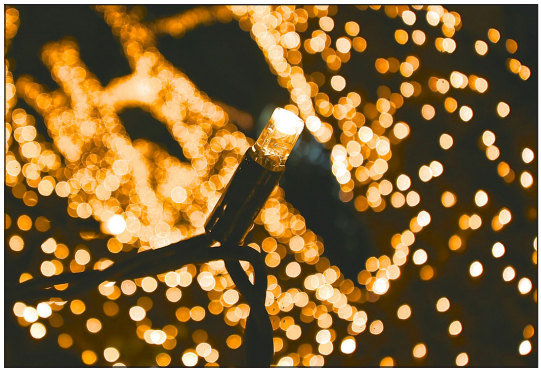
Strings and Icicles
Unique. Heavy Duty. Long Life.

tmb

Exclusive Distribution – The Americas, Europe, and Asia

LED STRAIGHT STRINGS

24V EXTRA LOW VOLTAGE | INDOOR OUTDOOR | UV STABILIZED | IP65 RATED | 2 YEAR WARRANTY | COMMERCIAL GRADE | VANDAL RESISTANT | GREEN FRIENDLY | AUSTRALIAN DESIGNED



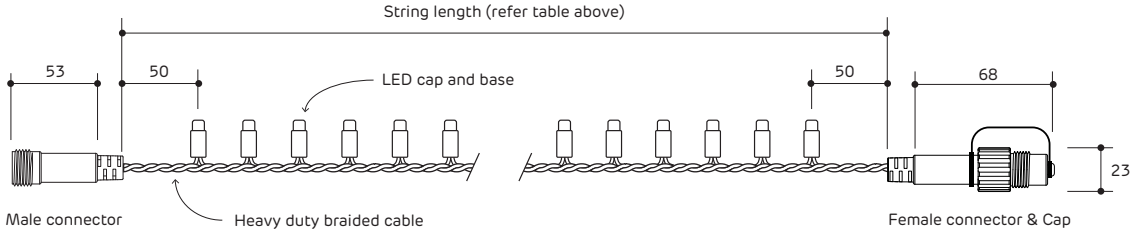
Firefly Lighting Quick Connect System makes light work of creating spectacular architectural lighting effects. Made stronger and robust for Australia's extreme weather conditions, the Firefly Lighting Quick Connect System is designed to provide you with greater creative flexibility while significantly 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.

Rated for 40,000 hours of continuous use!

Fairy Lights are 588nm, turtle friendly.

Range	**Golden Warm White**			**Colours**					**Glitter**			
PRODUCT CODE	FIRFLGWW5MWG2	FIRFLGWW5MG2	FIRFLGWW10MG2	FIRFLCW10MG2	FIRFLRD10MG2	FIRFLGN10MG2	FIRFLBL10MG2	FIRFLMC10MG2	FIRFLGWGCW10MG2	FIRFLGGW10MG2	FIRFLGGWCW10MG2	FIRFLLG10MG2
Colour Designation												
	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
String length metres	5m		10m									
LEDs per string length	50		100							25		
LED Spacing (page 3)	Standard									Glitter Spacing		
Cable Colour	White	Black										
Net Weight per piece	0.5 kg		1.0 kg									
Dimmable	Yes (with dimmable PWM driver)								No			
CCT	2200K			6500K	Various							
Power watts per string length	2.5W		5W	4W	3.2W	4W				1.6W		
	Cable 1 x 0.50mm, 1 x 0.75mm Quick Connect System / **Voltage** 24 V DC / **LED Cap** Clear / **IP Rating** IP65											

DIMENSIONS in millimeters



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Specifications are subject to change without notice. This information supersedes all previously supplied information.

LED STRAIGHT STRINGS

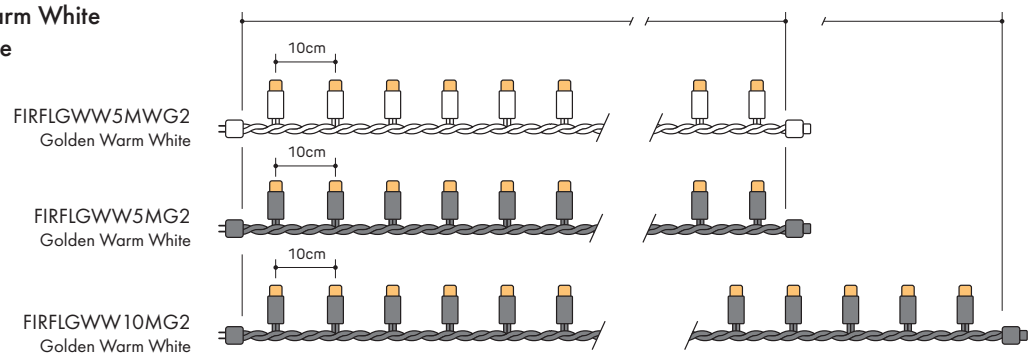
Firefly Fairy Lights are the ideal solution for many applications. Straight strings come in 5m and 10m lengths. Simply connect and install. No need for cutting, soldering, or taping, saving you time and expensive labor costs. A variety of LED states provide mesmerising lighting effects with warm / cool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

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.

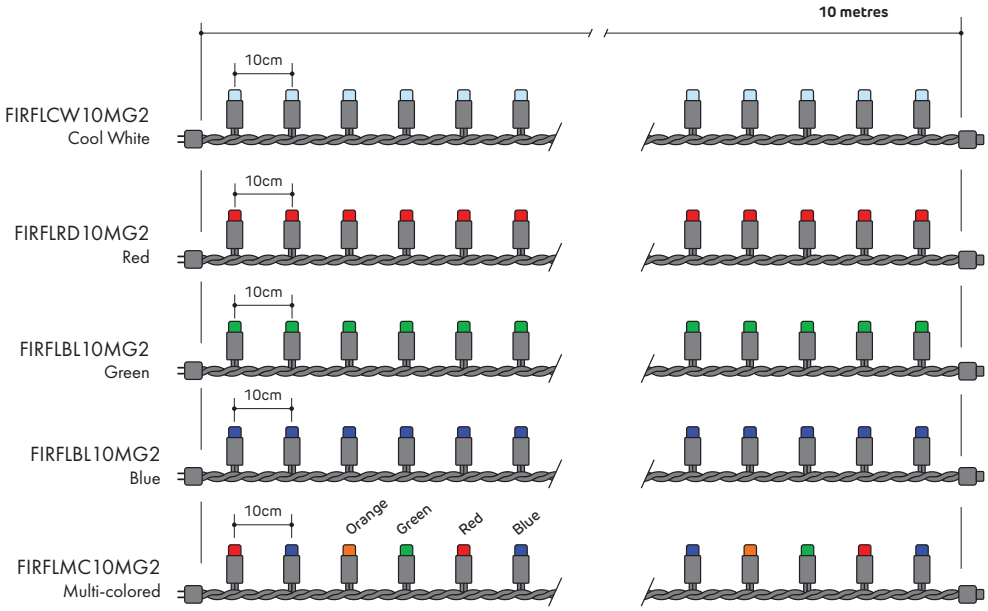
Golden Warm White Static Range



WHITE cable and LED base

BLACK cable and LED base

Colors Static Range



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LED STRAIGHT STRINGS

Static
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Glitter
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Fire Fly
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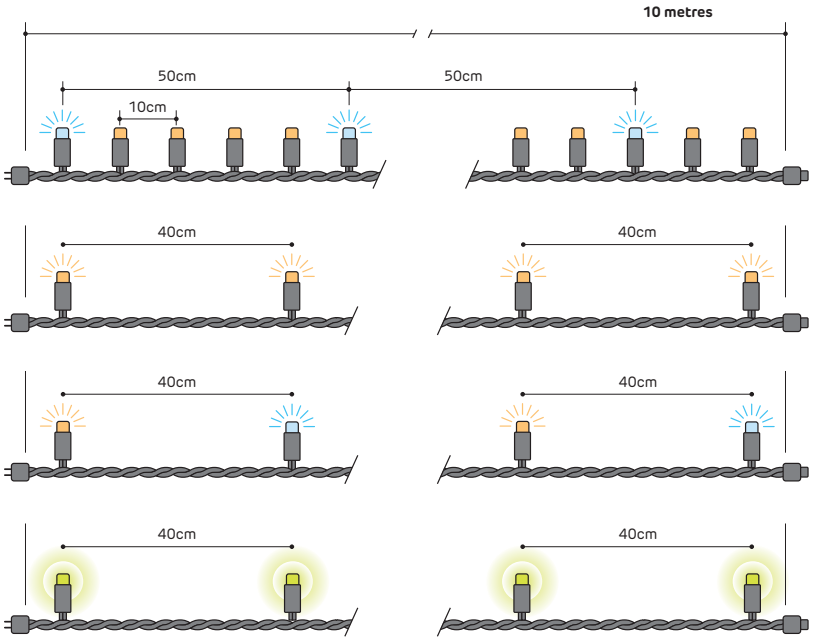
Glitter Range



FIRFLGWGCW10MG2
Golden warm white static with cool white glitter

FIRFLGGW10MG2
Golden warm white glitter

FIRFLGGWCW10MG2
Golden warm white glitter with cool white glitter

FIRFLLG10MG2
Lime green slow pulsing firefly effect

BLACK cable and LED base

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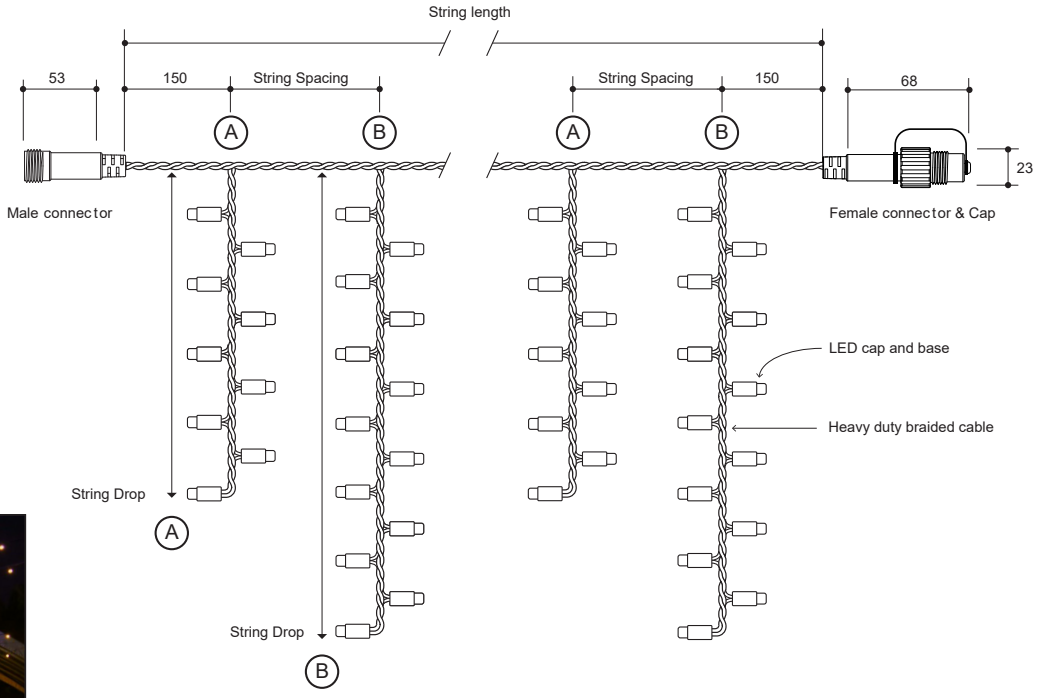
LED ICICLE STRINGS

More than just simple Christmas lights, Fairy Lights icicle lighting provide a versatile alternative for creating stunning lighting effects. 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 labor costs. Icicle lights also use our unique Quick Connect System that's fully interchangeable with other Fairy Lights.

Range	Golden Warm White				Colors		Glitter
Ordering code	FIRICWW5M23DWG2	FIRICIWW5M35DG2	FIRICIGWW5M1DG2	FIRICIWW5M12DG2	FIRICIRD5M12DG2	FIRICIBL5M12DG2	FIRICWCW5M12DG2
String color(s)	Golden Warm White				Red	Blue	Golden Warm White Static with Warm White and Cool White Glitter
String length	5 m						
LED quantity per string	160	128	170	250	250	250	250
LED spacing (see page 5)	Small	Standard					
Short drop length / Long Drop length	20/30 cm	30/50 cm	100/100 cm	100/200 cm	100/200 cm	100/200 cm	100/200 cm
Cable and socket color	White	Black					
Net weight per string	1.4 kg	1.4 kg	2 kg	2.8 kg	2.8 kg	2.8 kg	2.8 kg
Dimmable	Yes (with dimmable PWM driver)						No
CCT	2200K				Various		
Power (Watts per string)	6.5 W	5 W	13 W	18.5 W	8 W	18 W	16 W
Cable: 1 x 0.50mm, 1 x 0.75mm Quick Connect System | Voltage: 24 V DC | LED Cap: Clear | IP Rating: IP65							

DIMENSIONS in millimeters



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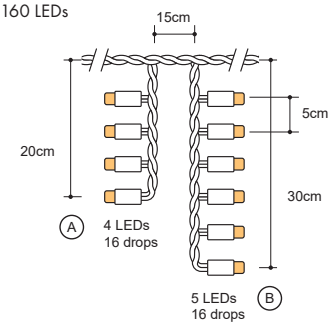
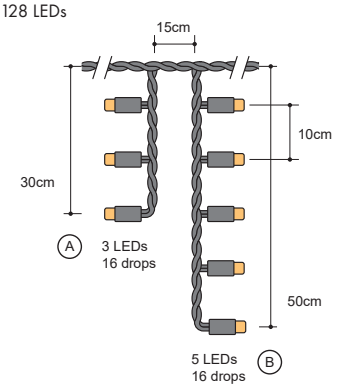
Static Range

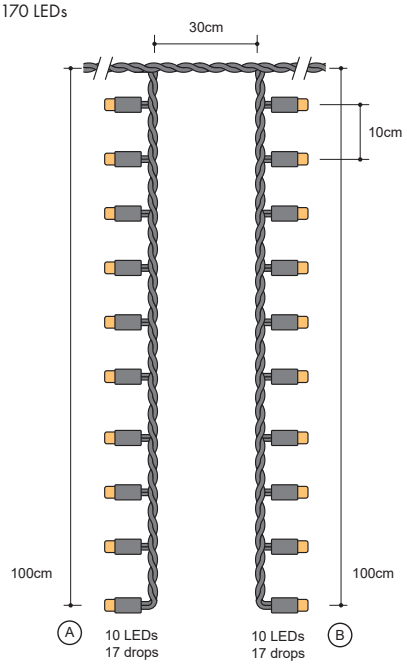
FIRICWW5M23DWG2
160 LEDs



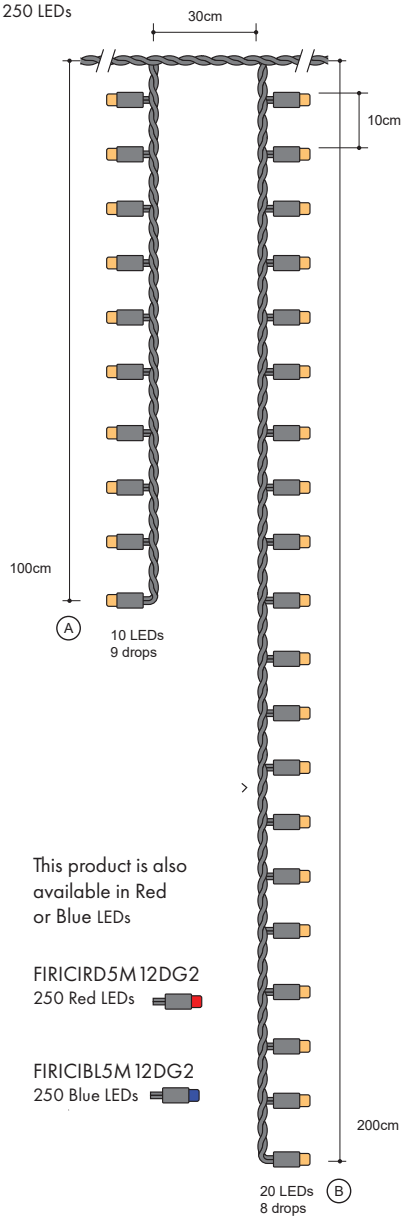
FIRICIWW5M35DG2
128 LEDs



FIRICIGWW5M1DG2
170 LEDs



FIRICIWW5M12DG2
250 LEDs



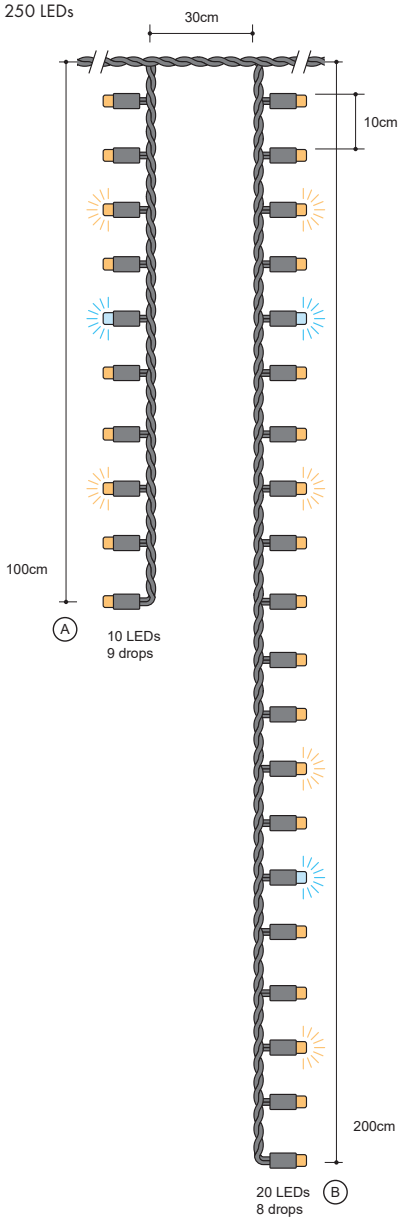
This product is also available in Red or Blue LEDs

FIRICIRD5M12DG2
250 Red LEDs

FIRICIBL5M12DG2
250 Blue LEDs

Golden Warm White Static with Warm White and Cool White Glitter

FIRICWCW5M12DG2
250 LEDs



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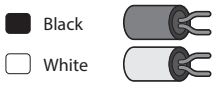
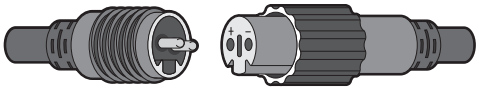
QUICK CONNECT WIRING SYSTEM

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.

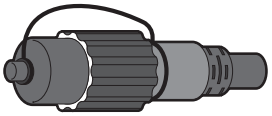


Cable Color



Male Connector
2 prongs with positive and negative pre wired.

Female Connector
Pushes into the male connector and screws tight to seal.

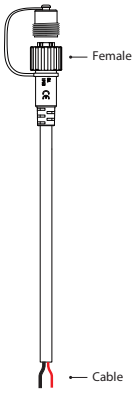


Unused Connectors
Screw the end cap onto the end of the female connector to seal.

FIRFLTC50CMG2
*Available in black or white

Quick Connect Socket

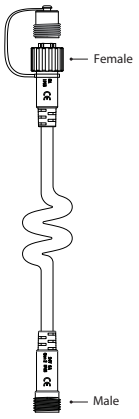
Connects the LED driver to the Firefly Quick Connect System.



FIRFLEX2MG
*Available in black or white

Quick Connect Extention Cable

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

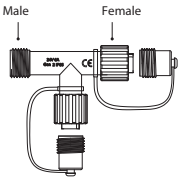


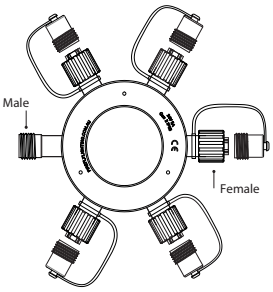
FIREMM4LTG2
*Available in black or white

FIREMM4LSTG2
*Available in black

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.

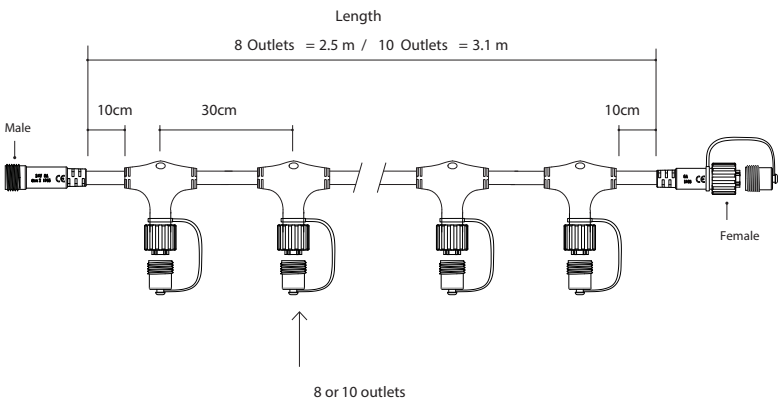




FIREMM4M8TG2
*Available in black or white

Quick Connect Multi Outlet cable

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



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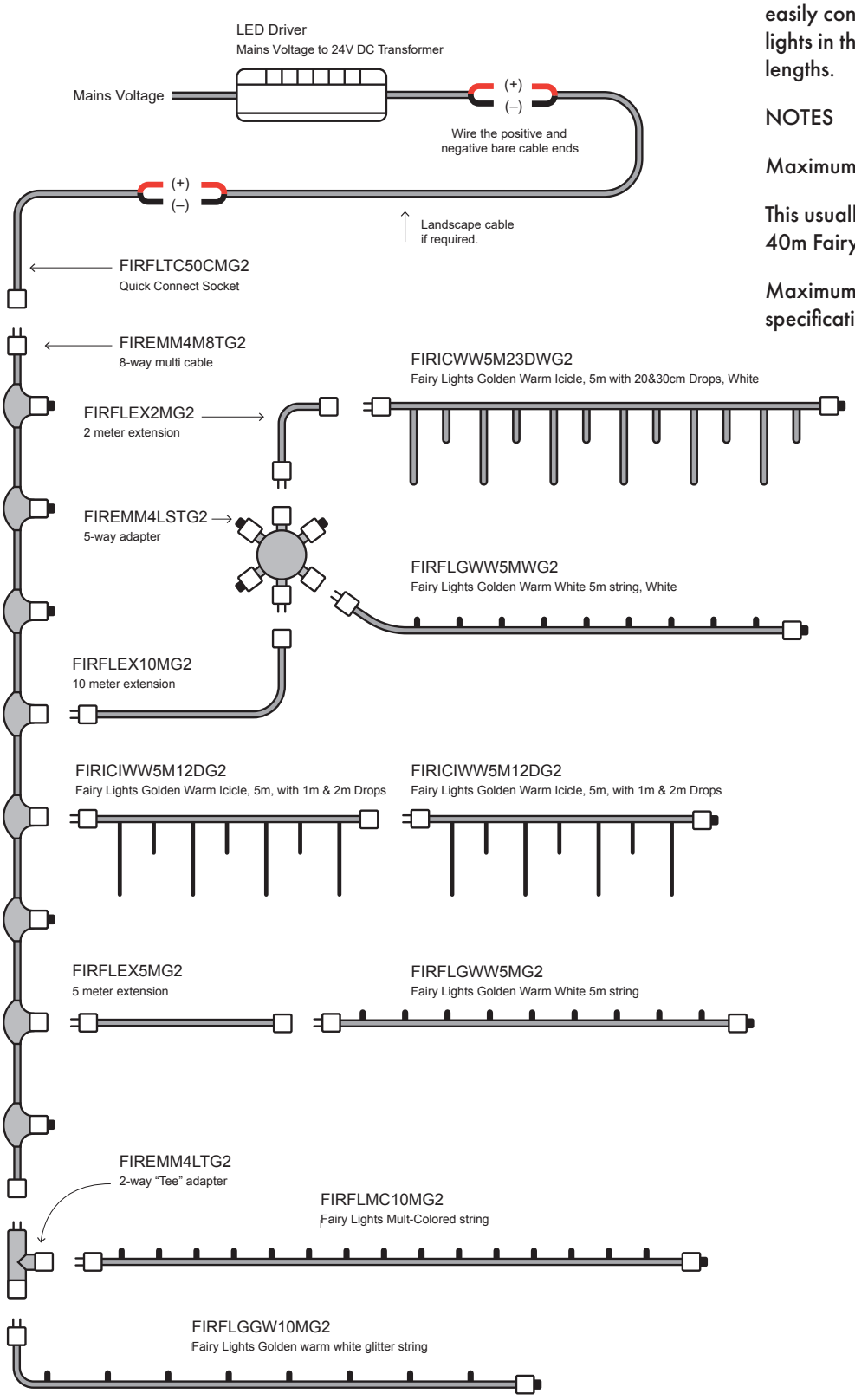
NOTES

Maximum cable length from the LED driver is 50m.

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

Maximum connectable lenghts noted on specification sheets.



KEY

Male connector

Female connector

Female connector with end cap in place

(+)
(–)

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

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