



# Festoon Cable

24 V / COMMERCIAL GRADE

-   
INDOOR  
OUTDOOR
-   
UV  
STABILISED
-   
24V EXTRA  
LOW VOLTAGE
-   
OUTDOOR  
IP RATED
-   
2 YEAR  
WARRANTY
-   
COMMERCIAL  
GRADE
-   
VANDAL  
RESISTANT
-   
GREEN  
FRIENDLY
-   
AUSTRALIAN  
DESIGNED

# Flat Festoon Cable

## Flat Festoon Cable – FC1

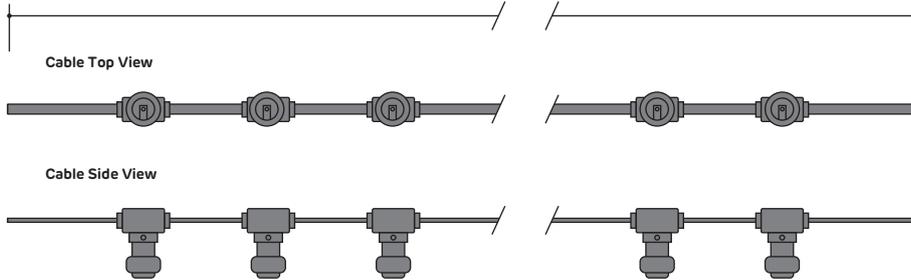
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Firefly Lighting's Flat Festoon Cable is designed for permanent installations. Each lamp holder is factory moulded to a flat self-leveling heavy-duty cable and with a clever weatherproof flange keeps the lamp bases free from moisture and salt air. The cable is self-supporting up to 7 meters. Please use a catenary wire if your run exceeds 7 meters securing the light string with UV rated zip ties. Please see page 5 for installation suggestions.

Product sold per meter. For Lamp Holder Spacing see configurations below.

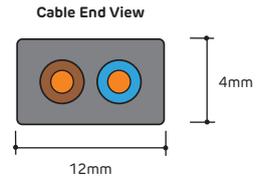


### Black Spacing Configurations available

40cm | 50cm | 90cm | 150cm

### White Spacing Configurations available

50cm | 90cm



#### Positive

Brown Sheath meets  
Red Transformer Terminal

#### Negative

Blue Sheath meets  
Black Transformer Terminal

| Product Code               | FC1-40 | FC1-50-BL | FC1-50-WH | FC1-90-BL | FC1-90-WH | FC1-150 |
|----------------------------|--------|-----------|-----------|-----------|-----------|---------|
| Lamp Holder Spacing        | 40cm   | 50cm      |           | 90cm      |           | 150cm   |
| Lamp Holders per metre     | 2.5    | 2         |           | 1.1       |           | 0.6     |
| Cable Colour               | Black  | Black     | White     | Black     | White     | Black   |
| Roll Length                | 50m    | 100m      |           | 100m      |           | 50m     |
| Weight per metre (approx.) | 280g   | 220g      |           | 150g      |           | 180g    |

|                   |                          |
|-------------------|--------------------------|
| Protection Class  | Class II                 |
| Core Cables       | 2x1.5mm <sup>2</sup> VDE |
| Insulation        | PVC/ABS                  |
| Core Colours      | Blue (-), Brown (+)      |
| Operating Voltage | 24V                      |
| Rated Frequency   | 50Hz - 60Hz              |
| Cable Width       | 12mm                     |
| Cable Height      | 4,5mm                    |
| Lamp Holder Type  | E27                      |



# Surface Mounted Festoon Cable

## Surface Mounted Festoon Cable – FC2

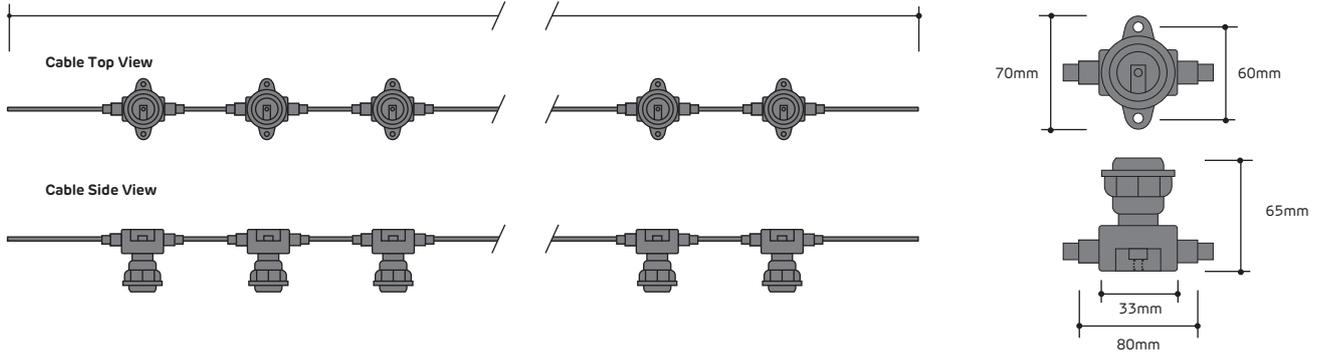
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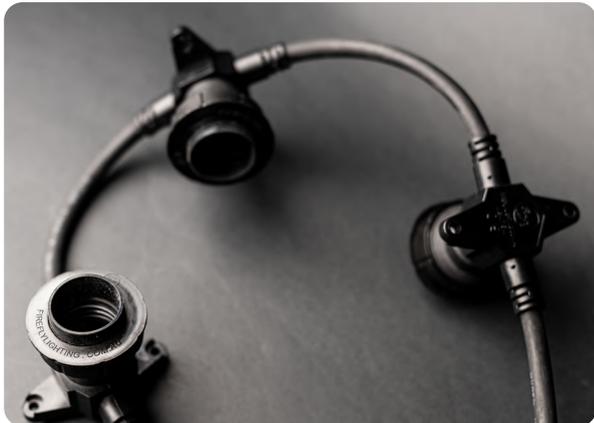
Firefly Lighting's Surface Mounted Festoon Cable is designed for permanent installations and is ideal for marquee outlines on awnings or bulb mounting behind signs. Each lamp holder is factory moulded to a heavy-duty rubber cable with a clever weatherproof flange that keeps the lamp bases free from moisture and salt air. Each lamp holder has mounting holes pre-drilled, so it's easy to install on-site.

Product sold per meter. For Lamp Holder Spacing see configurations below.



### Black Spacing Configurations available

20cm | 40cm



### White Spacing Configurations available

20cm



| Product Code               | FC2-20-BL | FC2-20-WH | FC2-40 |
|----------------------------|-----------|-----------|--------|
| Lamp Holder Spacing        | 20cm      |           | 40cm   |
| Lamp Holders per metre     | 5         |           | 2.5    |
| Cable Colour               | Black     | White     | Black  |
| Roll Length                | 50m       |           |        |
| Weight per metre (approx.) | 415g      |           | 210g   |

|                   |                          |
|-------------------|--------------------------|
| Protection Class  | Class II                 |
| Core Cables       | 2x1,5mm <sup>2</sup> VDE |
| Insulation        | PVC/ABS                  |
| Core Colours      | Blue (-), Brown (+)      |
| Operating Voltage | 24V                      |
| Rated Frequency   | 50Hz - 60Hz              |
| Lamp Holder Type  | E27                      |

# Cafe Style Festoon Cable

## Shaded Festoon Cable – FC3

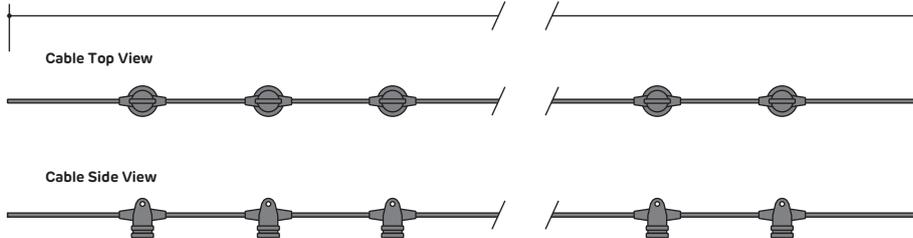
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Firefly Lighting's Café Style Festoon Cable is designed for permanent installations and is ideal for cafes and outdoor hospitality venues that want to add a touch of razzle-dazzle day or night. Each lamp holder is factory moulded to a heavy-duty rubber cable, and along with the Copper or Silver shades and rubber o-rings (sold separately), the lamp bases stay free from moisture. Our Shades Festoon Cable must be used with a catenary wire to ensure stability. A handy hole is pre-moulded into the lamp holder for easy attachment with UV-rated zip ties to a catenary wire. Please see page 5 for installation suggestions.

Product sold per meter. For Lamp Holder Spacing see configurations below.



### Spacing Configurations available

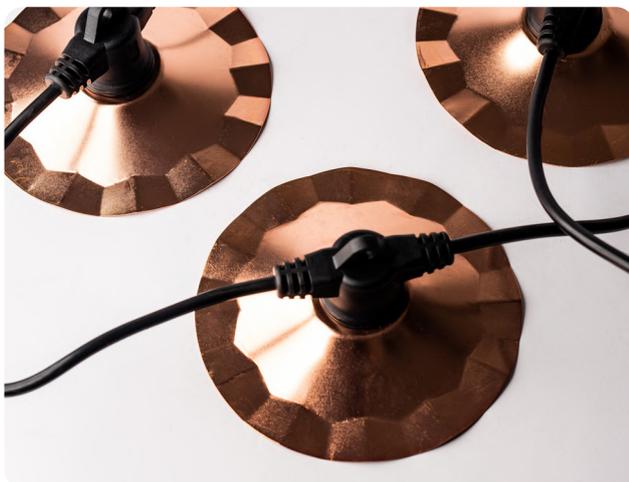
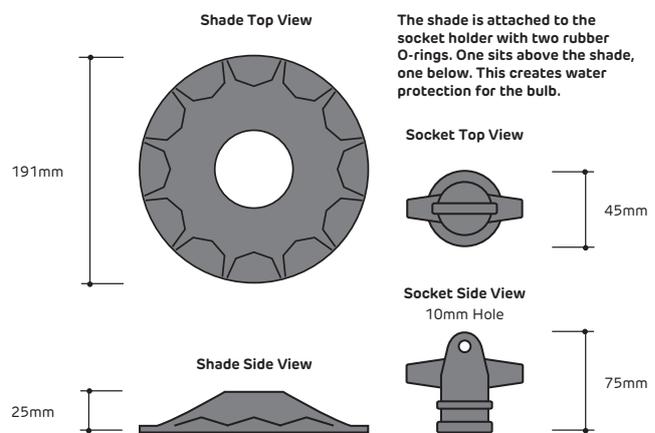
50cm | 90cm

| Product Code               | FC3-50-BL | FC3-90-BL |
|----------------------------|-----------|-----------|
| Lamp Holder spacing        | 50cm      | 90cm      |
| Lamp Holders per metre     | 2         | 1.1       |
| Roll Length                | 100m      |           |
| Weight per metre (approx.) | 220g      | 150g      |

|                   |                            |
|-------------------|----------------------------|
| Cable Colour      | Black                      |
| Protection Class  | Class II                   |
| Core Cables       | 2x2.08mm <sup>2</sup> SJTW |
| Insulation        | PVC/ABS                    |
| Core Colours      | Blue (-), Brown (+)        |
| Operating Voltage | 24V                        |
| Rated Frequency   | 50Hz - 60Hz                |
| Lamp Holder Type  | E27                        |

### The shades are sold separately in two colours.

Copper | Stainless Steel



Copper Shade FCA-CS



Silver Shade FCA-SS

# Festoon Cable Hanging Options

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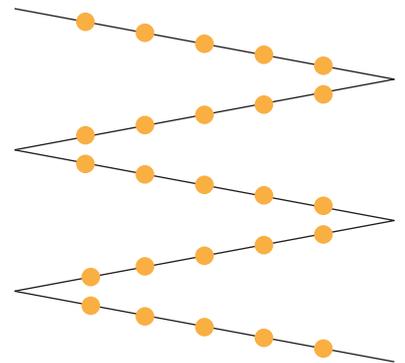


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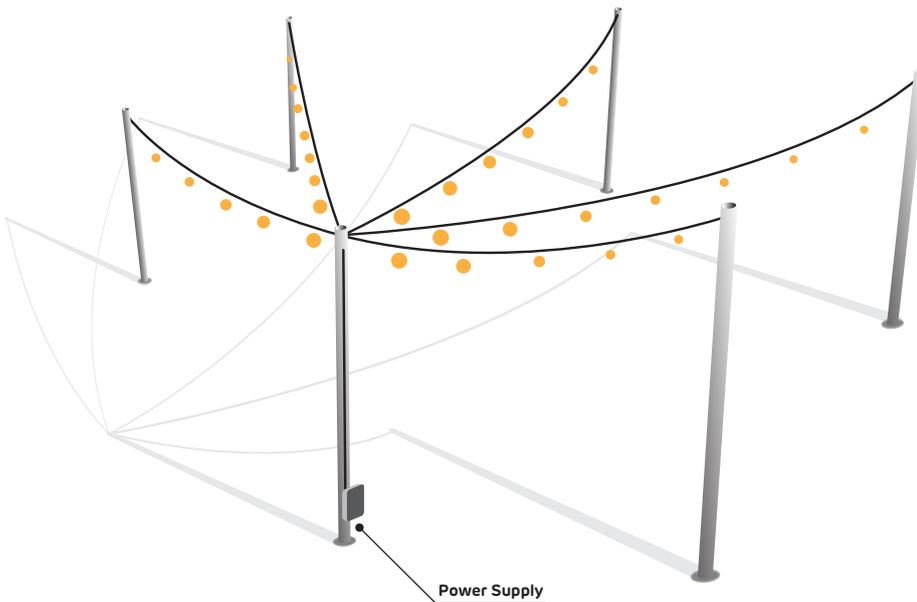
Example of Zig-Zag Runs



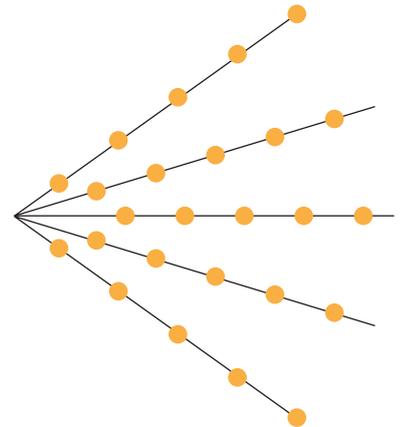
Zig-Zag Runs



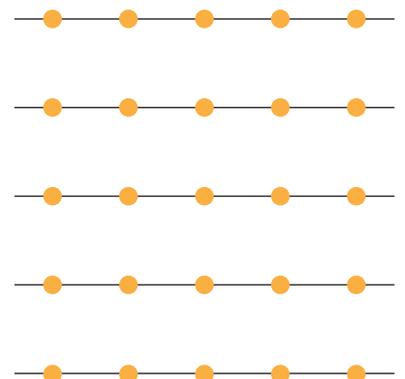
Example of Sun Ray Runs



Sun Ray Runs



Linear Runs



**Note**

Maximum unsupported run is 7 meters.  
For longer spans a catenary wire must be used. Examples provided on page 6.

# Festoon Cable Catenary Mounting Suggestions

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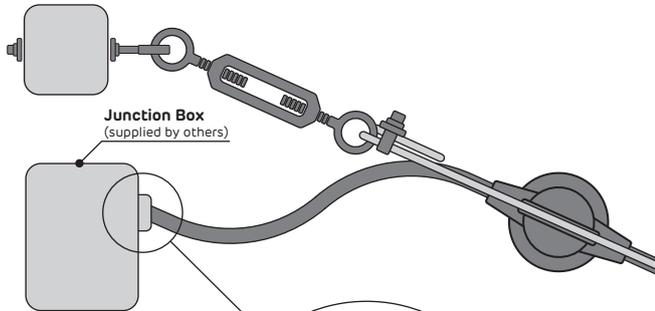
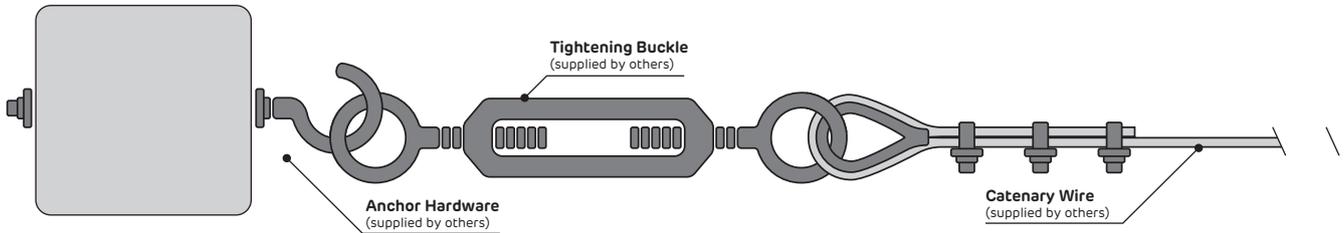
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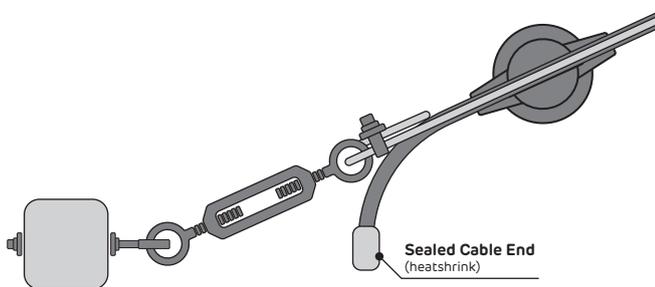
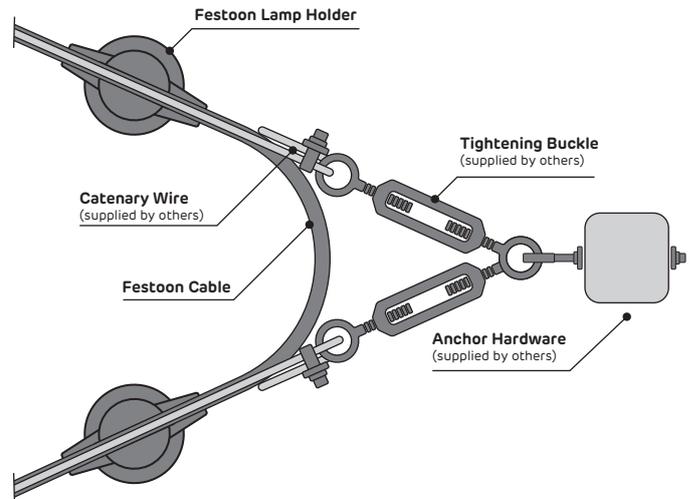
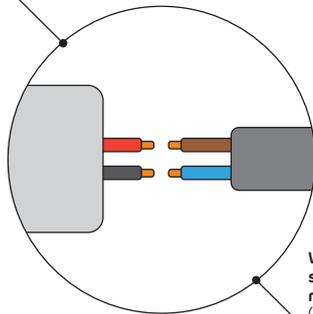
## Disclaimer

The mounting examples detailed in these diagrams are for examples only. These are not intended to replace the advice of a qualified engineer.

## Cable Wiring

Brown Sheath meets Red Transformer Terminal

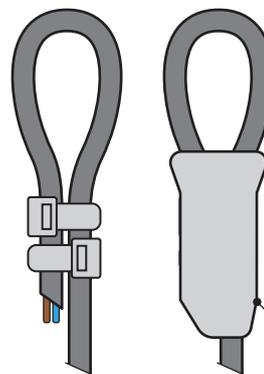
Blue Sheath meets Black Transformer Terminal



## Cable End for Self Supporting Runs

The cut end of the cable should be covered be thoroughly sealed with silicone and resin-filled heat shrink.

The bare end of the cable must be completely covered and bare wires seperated. Ensure cable is double ziptied before heat shrink is applied.



# G45 'Fancy Round' Festoon Bulbs

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| Range        | Product Code | Colour Designation | CCT   | Power | Lumen Output |
|--------------|--------------|--------------------|-------|-------|--------------|
| Clear Cap    | BL-G45-GW-S  | Golden Warm White  | 2200K | 0.5w  | 30lm         |
|              | BL-G45-GW-T  | Golden Warm White  | 2200K | 1w    | 60lm         |
| Frosted Cap  | BL-G45-WW    | Warm White         | 2500K | 1.5w  | 88lm         |
|              | BL-G45-CW    | Cool White         | 5700K | 1.5w  | 54lm         |
| Coloured Cap | BL-G45-R     | Red                | N/A   | 1.5w  | 4lm          |
|              | BL-G45-G     | Green              | N/A   | 1.5w  | 141lm        |
|              | BL-G45-B     | Blue               | N/A   | 1.5w  | 21lm         |
|              | BL-G45-P     | Pink               | N/A   | 1.5w  | 12lm         |
|              | BL-G45-O     | Orange             | N/A   | 1.5w  | 201lm        |
|              | BL-G45-Y     | Yellow             | N/A   | 1.5w  | 251lm        |

|               |   |
|---------------|---|
| Voltage       | 24V AC/DC                                   |
| IP Rating     | IP66  |
| Dimmable      | Yes, with PWM Dimmer or AC Phase Cut Driver |
| Cap Material  | Polycarbonate                               |
| UV Stabilised | Yes   |

