

SINGLE CORE SPLICE LOW VOLTAGE

Check tube selection in table 1 to ensure that you are installing the proper kit on the cable(s) to be terminated.

GENERAL INFORMATION

- (a) These cable joints must be installed by a skilled cable joiner who is fully conversant with the required installation techniques.
- (b) Always follow local personal safety requirements and written installation instructions to avoid injury.
- (c) Dispose of all waste materials and packaging safely.
- (d) Instructions are for guidance only and are subject to standard jointing/terminating procedures which should always be followed, in particular: -
 - (i) Use a propane (preferred) or butane gas torch.
 - (ii) Adjust the torch to obtain a soft bushy blue flame with a yellow tip. Pencil-like blue flames should be avoided; the recommended torch pressure is 10 – 15 psi
 - (iii) Keep the torch aimed in the shrink direction to preheat the material.
 - (iv) Keep the flame moving continuously with a brushing movement to avoid scorching the material.
 - (v) Clean and degrease all parts that will come into contact with adhesive.
 - (vi) Start shrinking at the position recommended in the instruction.
 - (vii) Ensure that the component is shrunk smoothly all round with an even wall thickness.

Safety Instructions: ••• WARNING •••• WARNING •••• WARNING •••• WARNING •••

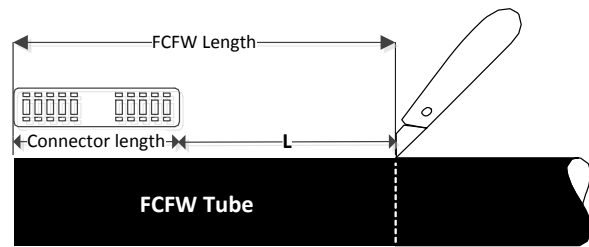
Follow all safety procedures to ensure that any electrical circuits to be worked on are de-energized, and that no fire/explosion hazards exist before starting work. Provide adequate ventilation when working in confined areas. Always remove solvent and used cloths from confined areas when not using them. The end-user must follow applicable personal safety requirements prescribed by the workplace.

Table 1. Product Selection Guide.

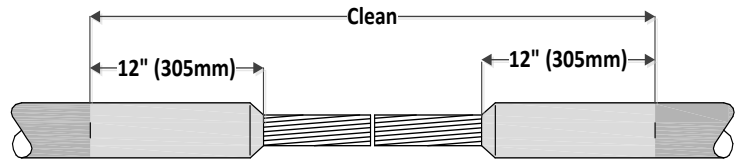
Part Number	Min/max application diameter	Min/max application diameter
	Inches	mm
FCFW 0350	.15 - .3	3.5 – 8
FCFW 0500	.2 - .45	4.5 – 11
FCFW 0750	.25 - .65	6.5 – 16.5
FCFW 1100	.4 - .95	10 – 24
FCFW 1500	.5 – 1.27	13 – 32
FCFW 2000	.7 – 1.75	17.5 – 44
FCFW 2700	.95 – 2.3	24 – 59
FCFW 3500	1.3 – 3.1	33 – 80
FCFW 4700	1.75 – 4.1	44 - 104

Cut tube to required length using a sharp knife or scissors. The cut must be smooth without notches or nicks.

Connector length	Dimension L minimum
Up to 6" (152mm)	4" (102mm)
6" (152mm) and over	5" (127mm)



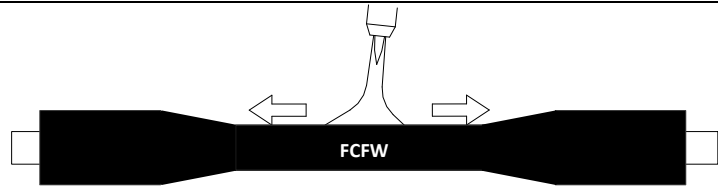
Cutback the insulation according to the connector manufacturer's instructions. Clean the cables as shown using an approved solvent. Note: the drawing shows the insulation ends as chamfered for illustrative purposes, refer to the connector manufacturer's instructions for details on cable preparation.



Slide the tube over one of the cables, whilst protecting it from any sharp edges. Install the connector according to the manufacturer's instructions then clean and deburr.



Center the FCFW tube over the splice. Shrink the tube starting in the center and working out in stages towards each end. Work the flame all around to ensure an even recovery. Continue until the tube is fully and evenly recovered without flat spots or wrinkles, adhesive should flow from both ends.



Once installed the tube should be smooth and follow the profile of the connection, adhesive should be seen to have flowed from both ends.



Allow to cool before moving or energizing.

All information presented is believed to be reliable and in accordance with accepted engineering practice. No warranties are made as to the completeness or accuracy of information and users should evaluate the suitability of the product to their own application. DSG-Canusa's obligations are set out in the Terms and Conditions of Sale for this product. DSG-Canusa will not be liable for incidental, indirect or consequential damages arising from sale, resale, or misuse of the product.