

## Hybrid Fiber-optic Splice Enclosures & Hybrid Fiber-optic Receptacle Cables

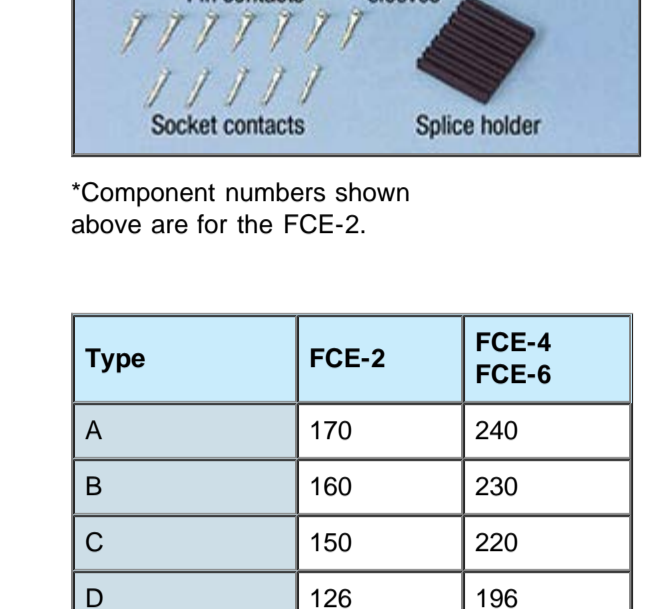
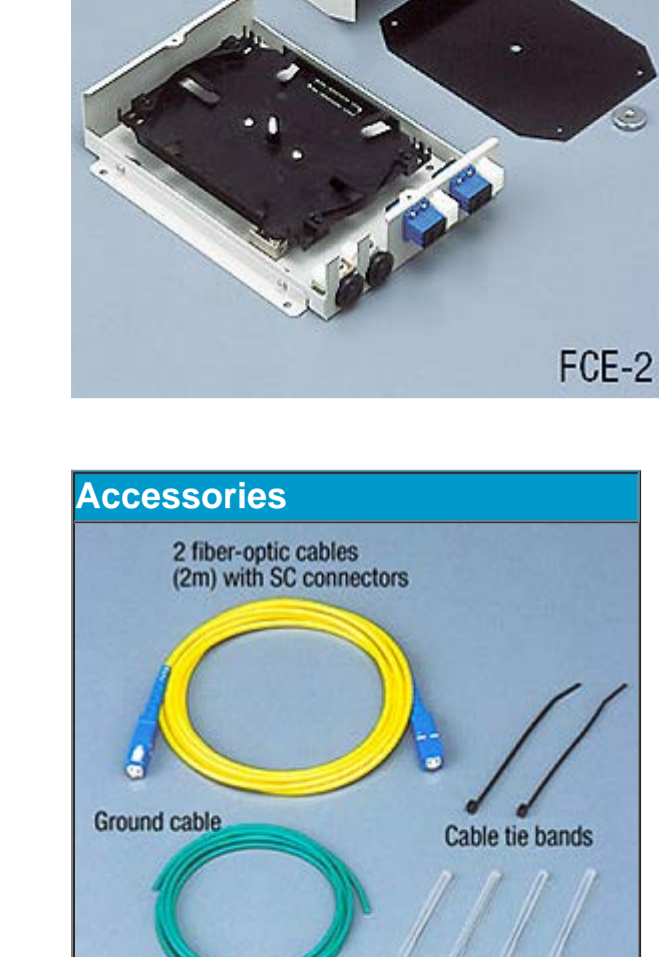
### Hybrid Fiber-optic Splice Enclosures

The fiber-optic splice enclosure was designed specifically for use with hybrid fiber-optic camera cables. The enclosure is used to protect fusion splice connection parts after installation.

Model	No. of cables	Fusion splice tray No.	Adapter	
			SC	Nylon connector
FCE-2	2	1	4	2
FCE-4	4	2	8	4
FCE-6	6	3	12	6

- The enclosure is designed specifically for the hybrid fiber-optic camera cable (LF-2SM9), making installation and operation very easy.
- The enclosure can be installed on walls or placed flat. Mounting bracket (connector protection cover) can be detached from the box when installing in limited space.
- The enclosure is designed with two configurations, the top-bottom split design (FCE-2, FCE-4) and the removable panel design (FCE-6). Both designs enable easy installation of cables.
- The connection with hybrid fiber-optic receptacle cable is done by use of connectors, thus enabling easy interchanging of lines after installation.
- The tension member is insulated from the chassis.

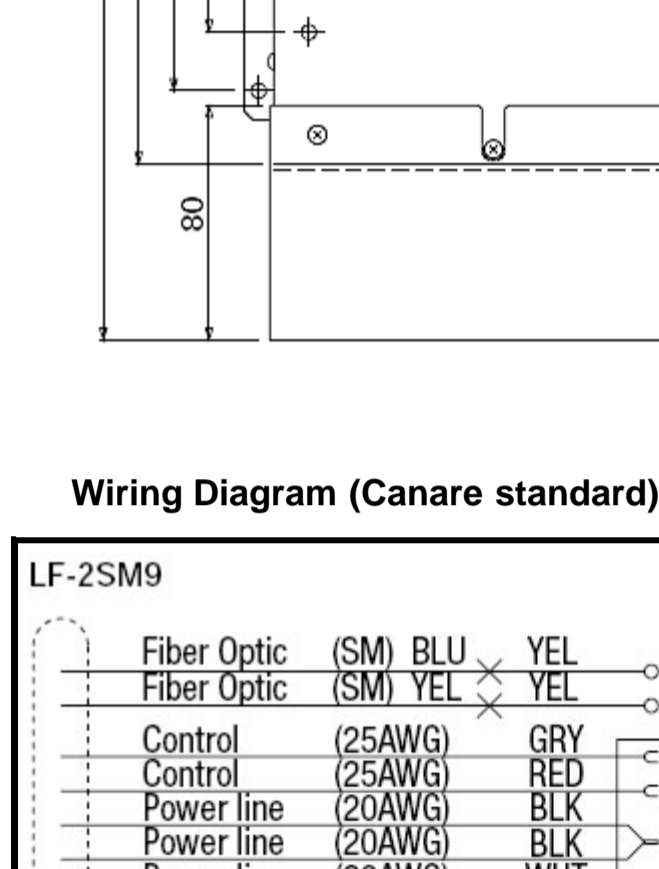
**Note :**  
The following special tools are required for installing the nylon connectors.  
Models: AMP90758-1 (26 to 22 AWG) and AMP90760-1 (20 to 16 AWG)



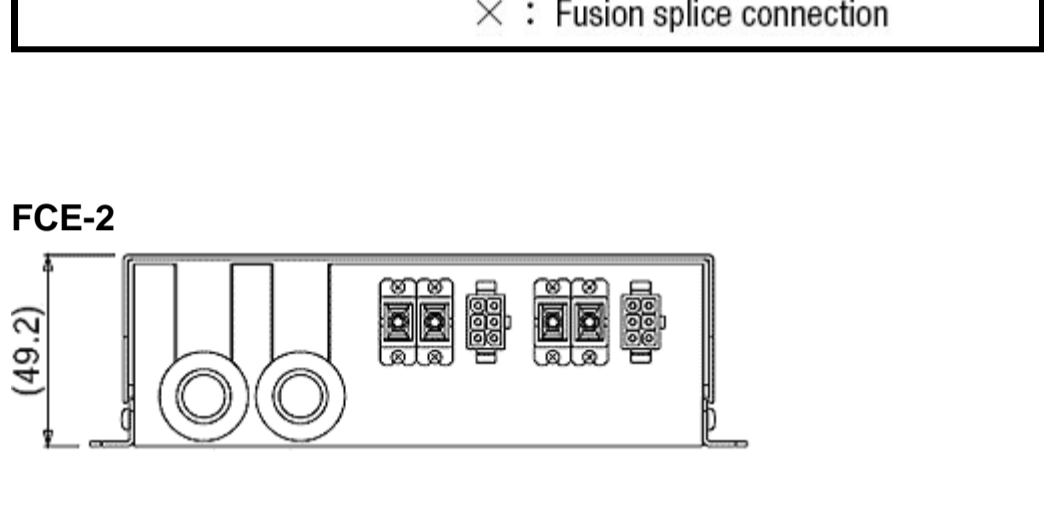
\*Component numbers shown above are for the FCE-2.

Type	FCE-2	FCE-4 FCE-6
A	170	240
B	160	230
C	150	220
D	126	196

(mm)



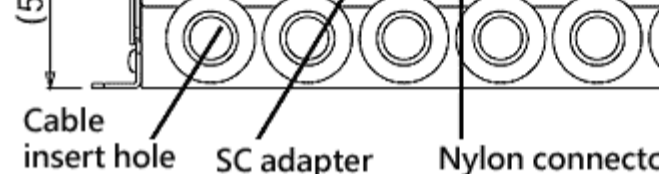
### Wiring Diagram (Canare standard)



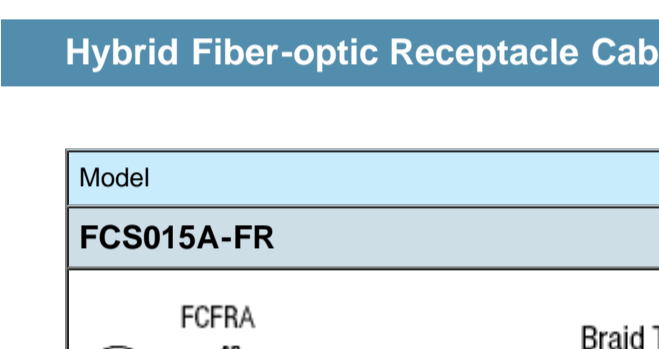
### FCE-2



### FCE-4



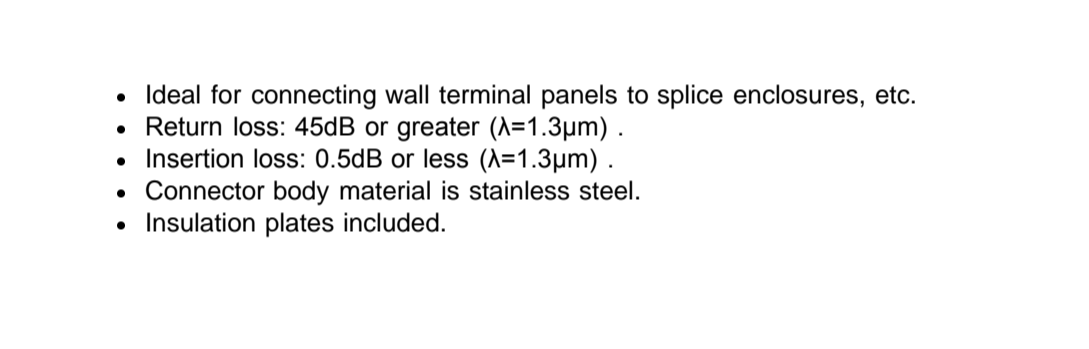
### FCE-6



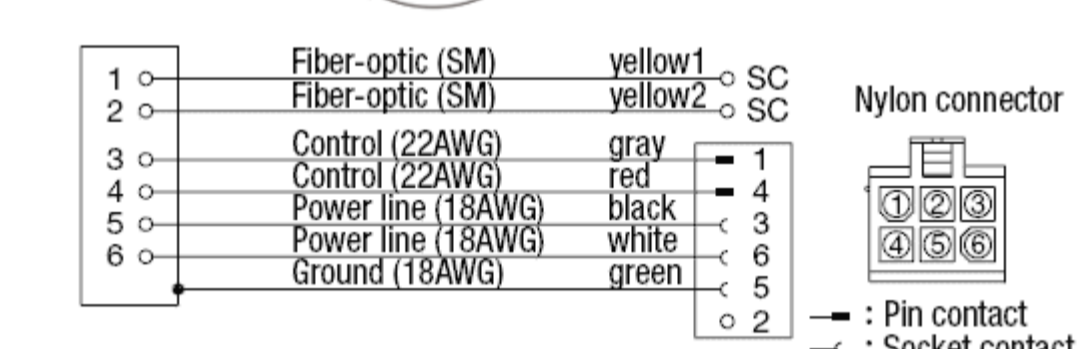
Cable insert hole SC adapter Nylon connector

### Hybrid Fiber-optic Receptacle Cables (SMPTE/ARIB)

Model	Length (m)
FCS015A-FR	1.5

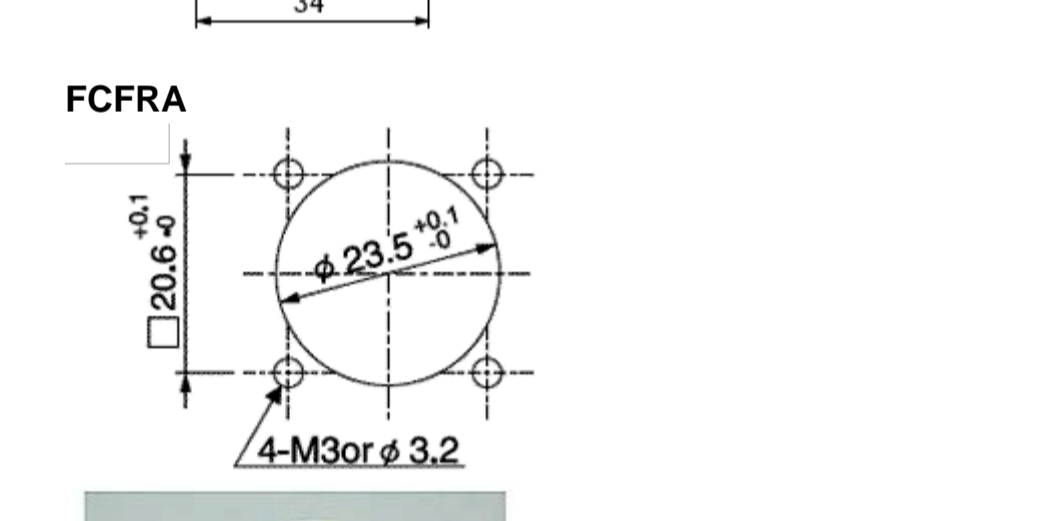


Model	Length (m)
FCS015A-MR	1.5

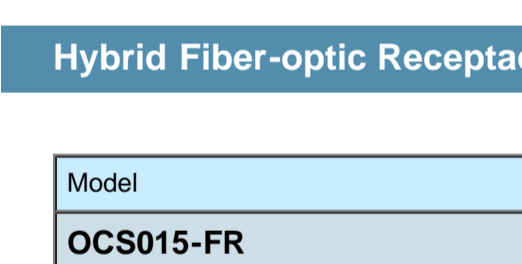


- Ideal for connecting wall terminal panels to splice enclosures, etc.
- Return loss: 45dB or greater ( $\lambda=1.3\mu\text{m}$ ).
- Insertion loss: 0.5dB or less ( $\lambda=1.3\mu\text{m}$ ).
- Connector body material is stainless steel.
- Insulation plates included.

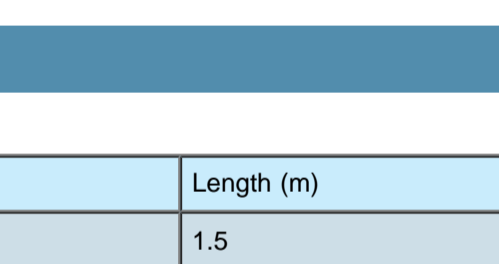
### Wiring Diagram



### Hole Dimensions



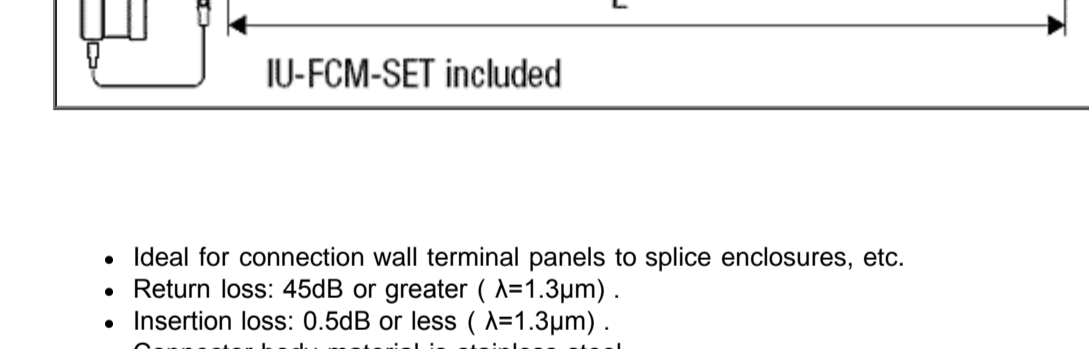
FCFRA



FCMRA

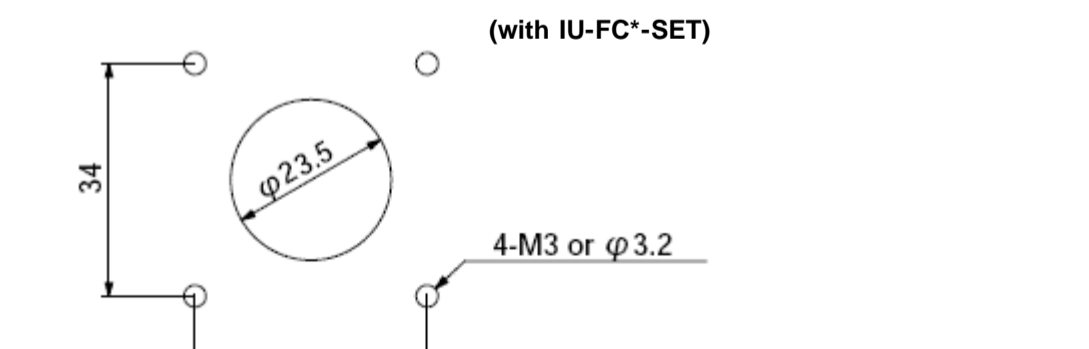
### Hybrid Fiber-optic Receptacle Cables (Japanese Style)

Model	Length (m)
OCS015-FR	1.5



★ Production by order

Model	Length (m)
OCS015-MR	1.5

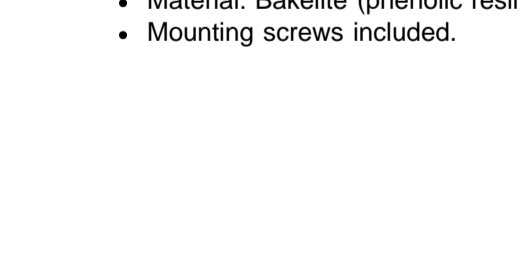
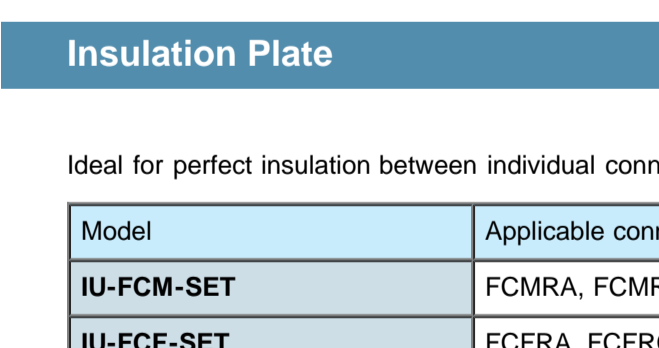


★ Production by order

- Ideal for connection wall terminal panels to splice enclosures, etc.
- Return loss: 45dB or greater ( $\lambda=1.3\mu\text{m}$ ).
- Insertion loss: 0.5dB or less ( $\lambda=1.3\mu\text{m}$ ).
- Connector body material is stainless steel.
- Insulation plates included.

**Note !**  
The above connectors (Canare OC series) are non-compatible with SMPTE connectors (Canare FC series).

### Hole Dimensions



OCFRA



OCMRA

### Insulation Plate

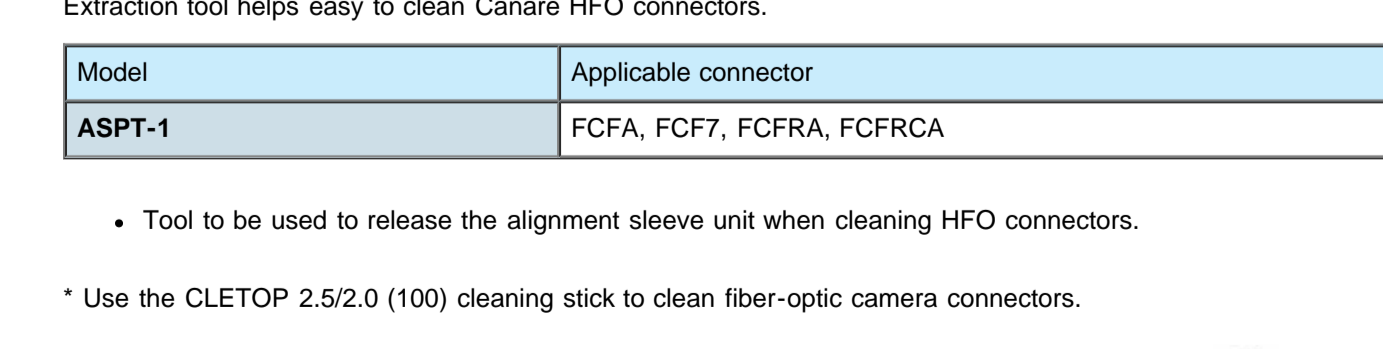
Ideal for perfect insulation between individual connector and panel.

Model	Applicable connector
IU-FCM-SET	FCMRA, FCMRCA, OCFRA, OCFRCA, OCMRA, OCMRCA
IU-FCF-SET	FCFRA, FCFRCA

- Material: Bakelite (phenolic resin)
- Mounting screws included.



### Hole Dimensions



### Extraction Tool

Extraction tool helps easy to clean Canare HFO connectors.

Model	Applicable connector
ASPT-1	FCFA, FC7, FCFRA, FCFRCA

- Tool to be used to release the alignment sleeve unit when cleaning HFO connectors.

\* Use the CLETOP 2.5/2.0 (100) cleaning stick to clean fiber-optic camera connectors.

