# **MANA / HFO Camera Cables**

## **Hybrid Fiber-optic Camera Cables (SMPTE ST 311)**

|                               | Model    | Sales<br>Units<br>(m) |              |         | Outer<br>Jacket                | Overall<br>Shield  | Tolerance |     | Bend             | Temp.<br>Range<br>(deg C) | Channel Unit   |   |   |
|-------------------------------|----------|-----------------------|--------------|---------|--------------------------------|--------------------|-----------|-----|------------------|---------------------------|--|---|---|
| Туре                          |          |                       | 0.D.<br>(mm) | kg/100m |                                |                    |           |     |                  |                           |  | Aux.<br>(Power)                               | Signal<br>(Control)                             |
|                               | LF-2SM9N | Call                  | 9.2          | 12.0    | Abrasion-<br>resistance<br>PVC | 9/24/0.10TA<br>91% | 700       | 2.6 | 6 x<br>Nom. O.D. | -40<br>to<br>+75          | 2 x SM 9/125<br>(low-water-peak)<br>Unit 0.D. 0.9 mm | 4 x 20 AWG<br>21 / 0.18TA<br>Unit 0.D. 1.7 mm | 2 x 25 AWG<br>7 / 0,18TA<br>Unit 0.D. 1.2<br>mm |
| L-2SM9N  Jacket color : black | LF-2SM16 |                       | 16           | 29.0    | Double<br>PVC                  |                    |           |     |                  |                           |  |   |   |

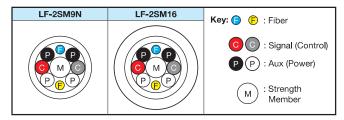
#### LF-2SM9N

- For general use.
- Abrasion-resistance Jacket enhance the adaptability to all studio and outside broadcast applications.
- Cost effective

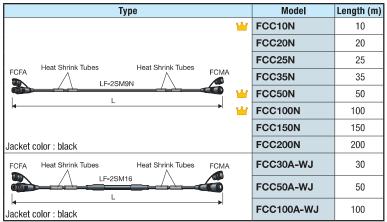
#### LF-2SM16

- For studio use.
- 0.D. 16mm Double Jacket prevents the cable from being jammed under a camera pedestal dolly.

#### **Cross Section**



#### **■** Camera to CCU



- Standard and widely-used models.
- Heat shrink tubes help in labeling.
- FCC\*\*A-WJ prevents the cable from being jammed under a camera pedestal dolly by its 0.D. 16mm double jacket.
- 7-color connector rings included.
- \* Canare OC series (Hybrid-OPS profile) is also available. (see page 22)



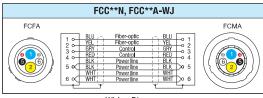


**FCFA** 

**FCMA** 



**Color Rings** 



Wiring Diagram

### **HFO Protective Covers**

# Any-time-fit-on protector for SMPTE connector - the new traditional

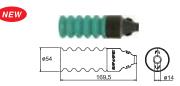
| Model          | Shape  | Component  | Color                 |  |  |
|----------------|--------|------------|-----------------------|--|--|
| FC-CV-F-SET-** | Female | 1 x Boot   | RD: red, GR: green,   |  |  |
| FC-CV-M-SET-** | Male   | 1 x Holder | YL: yellow, BK: black |  |  |

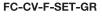
Please specify the color such as FC-CV-F-SET-RD

Cover: PVC, Holder: PE

- Canare exclusive retrofittable construction (patent pending)
- Fit for Canare FC series and other SMPTE 304 plugs
- Heavy-duty and harsh environment applications
- Quality verified over shock resistance tests

 $^{\star}$ The male and female are for FCMA and FCFA or equivalent respectively.







FC-CV-M-SET-RD





<sup>\*</sup>Not available for Canare OC series