

## FEATURES

- ▷ Full support is provided for repairs, replacement, system configuration, or custom designs.
- ▷ A full line of panel mounted connectors is available; perfect for fiber optic cameras and breakout boxes.

## APPLICATIONS

- ▷ SMPTE Camera Chain
- ▷ SilverBack w/ Juice
- ▷ BullDog w/ Juice
- ▷ Remote Power

MultiDyne SMPTE Assemblies are SMPTE 304 compatible for easy mating to industry standard broadcast fiber camera systems. As well as the MultiDyne Silverback, LightBox and BullDog. The rigorous qualification and intermateability testing program guarantees consistent and reliable results with all SMPTE compliant systems.

The connectors have an extra thick stainless steel shell that is more rugged than competitive products and a single part number makes ordering simple.



## TECHNICAL SPECIFICATIONS

### ELECTRICAL

#### Auxiliary Electrical Contacts:

Voltage: 600 Volts AC

Current: 10A

#### Low-Voltage Contacts:

Voltage: 42V AC or

60V DC Current: 1A

### ENVIRONMENTAL

#### Temperature Rating:

Operating: -20° C to +60° C

Storage: -40° C to +75° C

#### Humidity:

0 to 95% RH (at +40° C)

Ingress Protection: IP68

### OPTICAL

#### Wavelength:

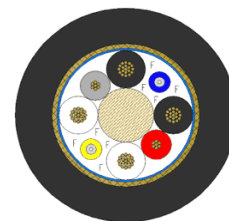
1250 nm – 1625 nm

Insertion Loss: 0.5 dB Max, 0.3 dB Typical

Return Loss: > -45 dB, -50 dB Typical

### STANDARDS

ARIB (BTA S-1005B), ANSI/SMPTE (304-2009 & 311-2009), and EBU (R100-1999) compatible. Tested against Lemo and Canare connectors



Component Description	Qty
Strength Member (Center)	1
Auxiliary Cond. (Black)	2
Auxiliary Cond. (White)	2
Signal Cond. (Gray)	1
Signal Cond. (Red)	1
Single mode Fiber (Blue)	1
Single mode Fiber (Yellow)	1
Filler (F)	As needed
Binder Tape	1
Copper Braid	
Jacket (Black)	1

## ORDERING INFORMATION

MD Part Number	Description
MC-SH0050-SIPSIR	50 ft SMPTE Hybrid Fiber Cable Assembly, SMPTE-304M Plug to Receptacle
MC-SH0075-SIPSIR	75 ft SMPTE Hybrid Fiber Cable Assembly, SMPTE-304M Plug to Receptacle
MC-SH0100-SIPSIR	100 ft SMPTE Hybrid Fiber Cable Assembly, SMPTE-304M Plug to Receptacle
MC-SH0125-SIPSIR	125 ft SMPTE Hybrid Fiber Cable Assembly, SMPTE-304M Plug to Receptacle
MC-SHXXX-SIPSIR	XXX = length in ft, SMPTE Hybrid Fiber Cable Assembly, Indoor, SMPTE-304M Plug to Receptacle

