

FEATURES

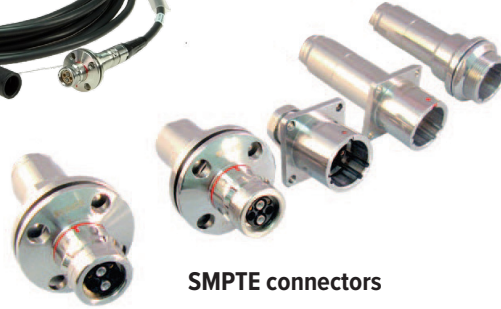
- ▷ Full support is provided for repairs, replacement, system configuration, or custom designs.
- ▷ A full line of panel mounted connectors is available; perfect for fiber optic cameras and breakout boxes.

APPLICATIONS

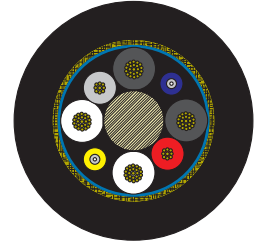
- ▷ SMPTE Camera Chain
- ▷ SilverBack
- ▷ BullDog
- ▷ Remote Power
- ▷ LightBox
- ▷ LightCube/HalfCube



SMPTE cables



SMPTE connectors



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.

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

TECHNICAL SPECIFICATIONS

Electrical

Auxiliary Electrical Contacts:	
Voltage	600 Volts AC
Current	10A
Low-Voltage Contacts:	
Voltage	42V AC or 60V DC
Current	1A

Optical

Wavelength	1250nm - 1625nm
Insertion Loss	0.5dB Max, 0.3dB 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

Mechanical, 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

ORDERING INFORMATION

Part Number	Description
MC-SH0050-FUWPUW-MLC	50 ft SMPTE Hybrid Fiber Cable Assembly, SMPTE-304M Plug to Receptacle
MC-SH0075-FUWPUW-MLC	75 ft SMPTE Hybrid Fiber Cable Assembly, SMPTE-304M Plug to Receptacle
MC-SH0100-FUWPUW-MLC	100 ft SMPTE Hybrid Fiber Cable Assembly, SMPTE-304M Plug to Receptacle
MC-SH0125-FUWPUW-MLC	125 ft SMPTE Hybrid Fiber Cable Assembly, SMPTE-304M Plug to Receptacle
MC-SHXXXX-FUWPUW-MLC	XXXX = length in ft, SMPTE Hybrid Fiber Cable Assembly, Indoor, SMPTE-304M Plug to Receptacle