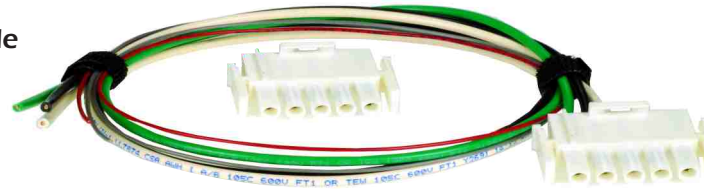


Hybrid Electrical & Fiber-Optic Connector Break-Out Modules with LC or ST Singlemode Duplex Connector

For use in television broadcasting and video equipment such as camera head to camera control unit connections. These hybrid Break-Out modules terminate two singlemode fiber-optic contacts, two low-voltage contacts and two auxiliary 600VAC electrical contacts.

- Conform to SMPTE 304M-2003 Standard
 - Feature Lemo® Connectors for Ultimate Reliability
 - 6 Position and 8 Position Panel Configurations Available
 - Include 60" [1.5m] Electrical Connector Mating Cable* with extra connector & 5 pins
- *Custom lengths available



Modular Bulkhead SMPTE 304M Series Specifications

Optical

Wavelength: 1100 nm – 1350 nm
 Insertion Loss: 0.5 dB maximum
 Return Loss: Better than -45 dB

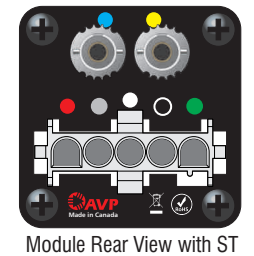
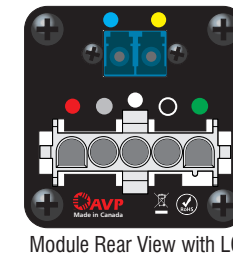
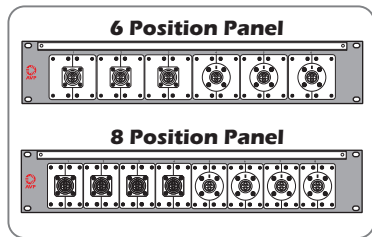
Electrical

Auxiliary Elec. Contacts
 Voltage: 600VAC
 Current: 10A

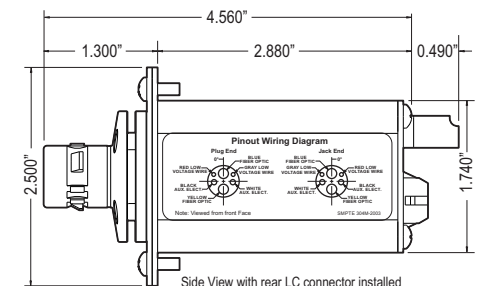
Low-Voltage Contacts:
 Voltage: 42VAC or 60VDC
 Current: 1A

Environmental

Temperature, Operating: -20°C to +60°C
 Temperature, Non-operating, storage: -40°C to +85°C
 Humidity: <95% RH (at +40°C)
 RoHS: Compliant



Ordering Information, 6 & 8 Position Panel Modules		
Model	AVP P/N	Description
SMPTE 304M-2003 Hybrid Electrical & Fiber-Optic Connector Break-Out Module, includes 60" [1.5m] Connector Mating Cable; for 6 Position panel		
MB6FM-LP-LC	906985	Module, Lemo plug SMPTE 304M Camera Connector to dual singlemode LC Fiber-Optic* & 5 pin electrical contact break-out, (round flange)
MB6FM-LS-LC	906984	Module, Lemo socket SMPTE 304M Camera Connector to dual singlemode LC Fiber-Optic* & 5 pin electrical contact break-out, (square flange)
SMPTE 304M-2003 Hybrid Electrical & Fiber-Optic Connector Break-Out Module, includes 60" [1.5m] Connector Mating Cable; for 8 Position panel		
MB8FM-LP-LC	906980	Module, Lemo plug SMPTE 304M Camera Connector to dual singlemode LC Fiber-Optic* & 5 pin electrical contact break-out, (round flange)
MB8FM-LS-LC	906979	Module, Lemo socket SMPTE 304M Camera Connector to dual singlemode LC Fiber-Optic* & 5 pin electrical contact break-out, (square flange)
AT-MBFM-MCK	907070	Mating Connector Kit, includes electrical mating connector (TE 350809-1) 600VAC 19A and 5 (TE 640347-1) socket crimps, 18-24AWG
AT-MBFM-HCT1	907073	Heavy Duty Hand Crimp Tool (TE 91510-1) for use with AT-MBFM-MCK Mating Connector Kit
AT-MBFM-HCT2	907083	Standard Hand Crimp Tool (TE 90548-1) for use with AT-MBFM-MCK Mating Connector Kit
AT-MBFM-EXT	908916	Tyco Extraction Tool (TE 1804030-1) remove pin & socket contacts from Universal MATE-N-LOK



*Also available terminated to SC, ST and FC fiber-optic receptacles. Replace -LC in Model Name with -SC, -ST or -FC.