

## SMPTE 311M/304M Bulkhead Cable Assemblies

Hybrid Fiber Bulkhead Assemblies for Panel Mount Applications



- For SMPTE Based HD Cameras
- Clark HFCTP 311M Cable
- Bulkhead Head Mount (one or both)
- Lemo Brand 304M Connectors
- Rugged TPE or Riser PVC Jacket
- Stainless Steel Connector Shells
- Integrated Dust Caps
- Directional Arrow Printed on Cable

Part Number: **X-HFC(cable type)-(length)-(bulkhead gender)**  
Description: SMPTE 311M/304M Hybrid Fiber Bulkhead Assemblies

Options: **Cable Type:** TP = Extra-Flexible TPE, PV = Flexible PVC & UL Riser Rated  
**Length:** 10', 16', 25', 33', 50', 66', 82', 100', 164' or Custom  
**Bulkhead Gender:** PSB = Inline Plug to Bulkhead Socket,  
SPB = Inline Socket to Bulkhead Plug  
PBSB = Bulkhead Socket to Bulkhead Plug

### Components

Cable Type	Clark HFCTP (Flexible/Field) or HFPCV (UL Riser) 2 - 5M 900u Hytel Tight Buffered Fibers 2 - 24AWG Signal Conductors 4 - 20AWG Aux Conductors 1 - 16AWG Galvanized Steel Strength Member 95% - Overall Braid Shield	Overall Jacket: Black TPE or Black PVC
Connector Type	Lemo SMPTE-304M Stainless Steel Connectors (One Male, One Female) Integrated Dust Caps with Lanyards	Connector Finish: Stainless Steel

### Performance Characteristics

DC Resistance	Optical Attenuation and Return Loss	Minimum Bend Radius	Operating Temperature
24AWG Signal Conductors: 23.5 Ω/Mft 20AWG Aux Conductor: 9.6 Ω/Mft Shield: 5.2 Ω/Mft	>0.4db + 0.70dB/km >-45dB SRL (-55dB Typical)	2.54"	-40°C to 75°C (HFCTP) -20°C to 75°C (HFPCV)

See HFCTP or HFPCV cable specifications for additional information and performance characteristics.