

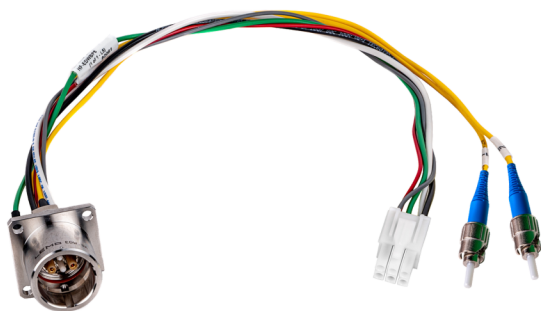
HF-EDW & HF-FXW Datasheet

Complex's HF-EDW and HF-FXW SMPTE fiber breakout series feature LEMO Fixed Plugs (FXW) or Fixed Sockets (EDW) that break out into two Single Mode fibers as well as two 16 AWG and two 22 AWG copper conductors, which can be terminated to a variety of power connectors or left unterminated. These breakouts are certified to meet or exceed SMPTE specifications, making them ideal for SMPTE rack panels, splice trays, adapters, and in-studio applications.

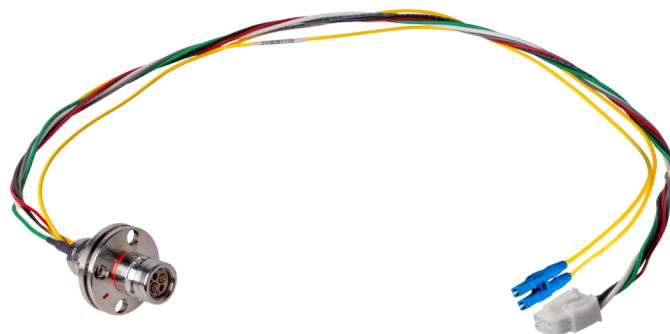
Available in LEMO EDW (fixed sockets) and FXW (fixed plugs), as well as SC/LC/ST fiber connectors, male/female 6-pin AMP MATE-N-LOCK connectors, and blunted/unterminated power.

Features:

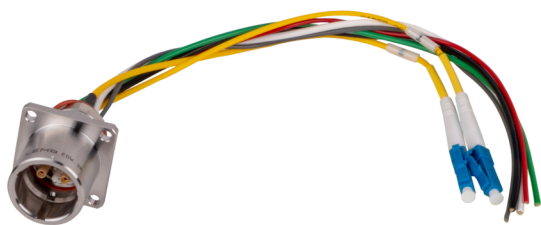
- High-Quality LEMO connectors
- Machine-polished fiber contacts
- Exceeds SMPTE 311M and 304M specifications
- Premium Bend Tolerant Fiber



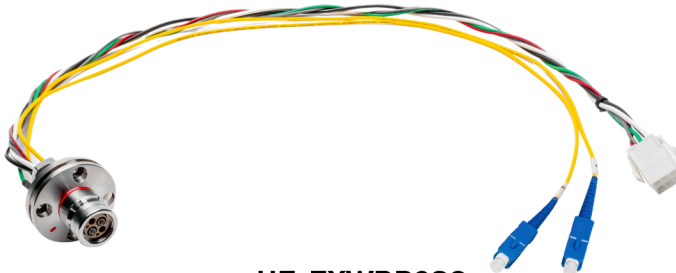
HF-EDWBP8ST



HF-FXWBP8LC



HF-EDWBP4LC



HF-FXWBP3SC

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Specifications:

LEMO EDW/FXW Connectors:

- **Number of Low Voltage Contacts:** 2
- **Number of High Voltage Contacts:** 2
- **Number of Fiber Contacts:** 2
- **Lifetime:** 20000 mating cycles

Fiber:

- **Fiber Type:** Single Mode OS2 9/125 μ m
- **Cable O.D:** 0.078in (2.0mm)
- **Insertion Loss:** \leq 0.3dB
- **Return Loss:** \geq 50dB
- **Min Bend Radius:**
 - **Static:** 0.7in (20mm)
 - **Flexing:** 1.4in (40mm)
- **Temperature:**
 - **Operating:** -4°F to 158°F (-20°C to +70°C)
 - **Storage:** -40°F to 158°F (-40°C to +70°C)

Alpha Wire:

- **Color/AWG:**
 - Grey/22AWG
 - Red/22AWG
 - Black/16AWG
 - White/16AWG
 - Green/18AWG

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The below wiring is for the HF-EDWBP8/HF-FXWBP8:

Pin 1 - Grey Signal Conductor (low voltage) **Socket**

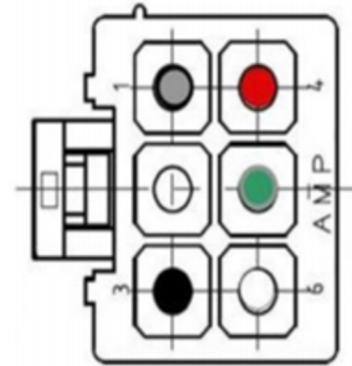
Pin 2 - No Connection

Pin 3 - Black Auxiliary Conductor (high voltage) **Pin**

Pin 4 - Red Signal Conductor (low voltage) **Socket**

Pin 5 - Ground **Socket**

Pin 6 - White Auxiliary Conductor (high voltage) **Pin**



The below wiring is for the HF-EDWBP3/HF-FXWBP3:

Pin 1 - Grey Signal Conductor (low voltage) **Pin**

Pin 2 - No Connection

Pin 3 - Black Auxiliary Conductor (high voltage) **Socket**

Pin 4 - Red Signal Conductor (low voltage) **Pin**

Pin 5 - Ground **Pin**

Pin 6 - White Auxiliary Conductor (high voltage) **Socket**

