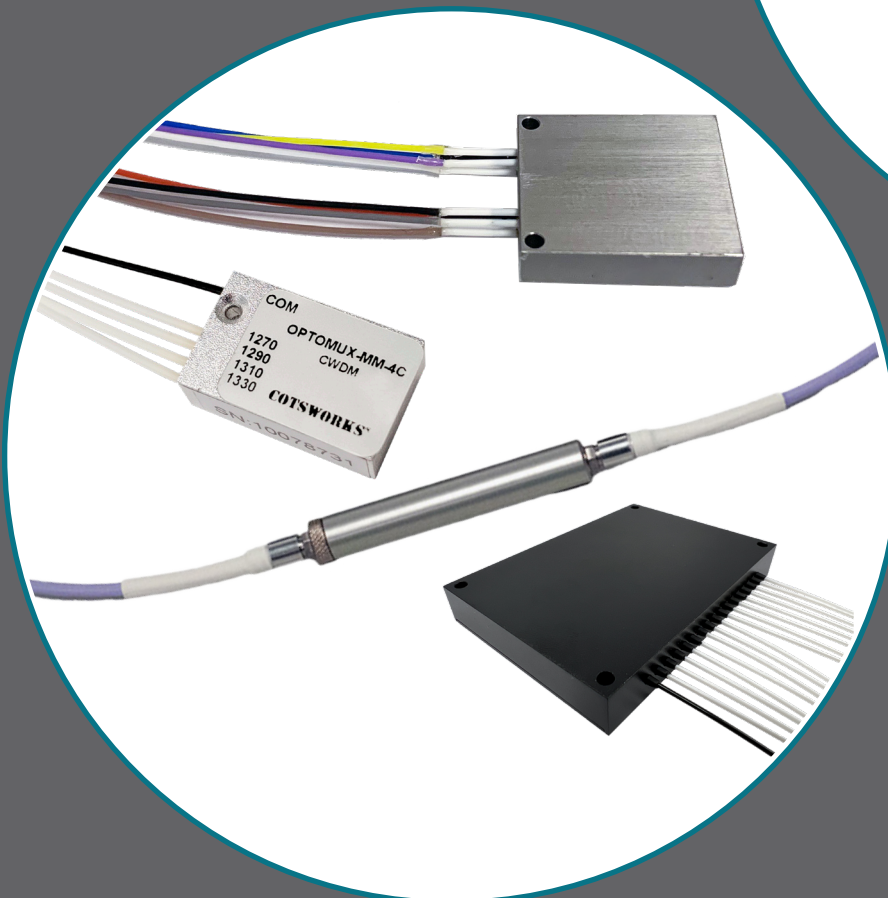


INTERCONNECT PRODUCT PLATFORM

Rugged Fiber Optics for Harsh Environments



INTERCONNECT PRODUCT PLATFORM

The Moog Interconnect Product Platform covers a wide range of product offerings to support the construction of fiber optic harnesses. Moog designs, manufactures, and ruggedizes connectors, termini, adapters, multiplexers, optical splices, and couplers for harsh environment applications. The interconnect products meet or exceed industry standards. Moog maintains a robust supply chain and manufacturing traceability.

Terminated Connectors



- Rugged metal LC connector
- Innovative, robust retention tab
- Meets tele/datacom mil/aero stds.
- High reliability over temperature
- In use in many aerospace applications



- Separable, rugged LC connector
- Tab secured with a screw (innovation)
- Rugged, all-metal construction
- Meets tele/datacom mil/aero stds.
- Ideal for military high shock and vibe

Rugged Adapters



- Adapts ARINC 801 to LC receptacle
- Utilizes LC-T retention feature for robust connection
- Aerospace grade aluminum construction



- Adapts ARINC 801 to Moog LC receptacle
- Utilizes LC-R retention feature for locking but servicable installation
- Aerospace grade aluminum construction

Termini



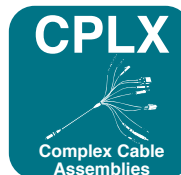
- ARINC 801 terminus with built-in insertion/removal tool
- Reduced FOD concerns
- Meets MIL-STD-883 and ARINC 801 shock and vibration requirements



- All metal M29504 pin and socket designs
- Fits standard D38999 circular connector, size 16 insert
- Custom cable and test equipment available



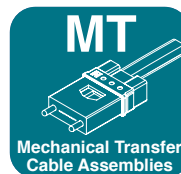
- Moog expanded beam termini
- Collimating lenses provides resistance to dirt and debris
- Size 16 pin and socket design
- Serviceable design



- SM, MM, POF fiber optic cables
- Mil/aero, commercial Moog's termini/connectors
- Superior IL/RL performances
- Custom designs/support available



- Aerospace, military, and industrial use
- 100% geometry and end-face quality inspected
- 100% measured for insertion loss



- 1x12/2x12/1x16/2x16 fiber ferrule options
- Expanded beam and physical contact
- Custom routing and channel mapping
- Supports harsh environment usage
- PC and APC polish options

Rugged Mechanical Splice



- Rugged mechanical splice
- Splices fibers without fusion splicer
- Glass capillary alignment mechanism
- Quick field use and cable repair
- Low optical loss, less than 1.0dB

Optical Multiplexers



- Ideal for multi-wavelength transmission
- High isolation, excellent return loss
- Low insertion loss, small footprint
- Excellent stability and reliability
- RoHS compliant

MOOG

Moog's Product Platforms include Opto-Electronic, Interconnect, Test Equipment and Optical Sub-Assemblies. For more information regarding any of these product lines, please reach out to cotsworkssales@moog.com.