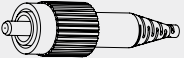
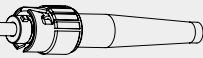


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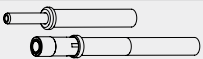
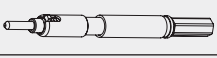
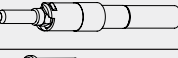
TERMINATED CONNECTORS

Moog offers custom designed fiber optic cable solutions to provide unique mechanical, optical, and cost saving benefits. Terminated connectors are selected based on the scope of the customer’s needs. Moog rugged patented terminated connector products include the LC-R™ and LC-T™.

Part	Name	Description	Material	Application
	*LC-T™	Rugged metal connector replaces plastic LC utilizing an innovative retention tab. Secure interface for high shock and vibe applications.	Metal, Zirconia Ferrule	■
	*LC-R™	Rugged LC connector utilizing a tab and screw assembly. Metric threaded Torx size 5 screw, secure interface for high shock and vibe applications.	Metal, Zirconia Ferrule	■
	LC	Compliant to GR-326-CORE requirements, Grade B IEC-61753-1, UL rated housing and boots, also comes in duplex and APC.	Plastic, Zirconia Ferrule	▲ ● ✱
	SC	The SC connector series designed to comply with the telecommunication industry's rigorous testing requirements for years of reliable service.	Plastic, Zirconia Ferrule	▲ ●
	FC	FC connector series designed to comply with the telecommunication and testing industry's rigorous requirements for years of reliable service.	Metal, Zirconia Ferrule	▲ ●
	ST	The ST premium connector is a legacy metal body bayonet style connector available in singlemode and multimode. This connector can also be polished to APC and UPC.	Metal, Zirconia Ferrule	■
	SMA	The SMA connector is used in various specialized applications. The metal ferrule allows manufacturability to a wide variety of fiber sizes including those of Plastic Optical Fibers (POF).	Metal	▲

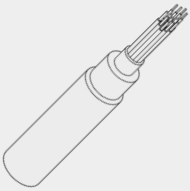
TERMINI

Termini are selected at the design phase for their high reliability and built for use in harsh environment applications. Higher shock, vibration, and more stringent handling requirements are needed as well as adherence to military standards such as MIL-PRF-29504 and commercial aerospace standards.

Part	Name	Description	Material	Application
	*C-Beam™	Moog Expanded Beam terminus mated pair with a repairable lens. Easy to clean. Size 16 terminus.	Metal, Glass, Zirconia Ferrule	■
	ARINC 801	Gender neutral aerospace grade. Pull proof, non pull proof. ARINC standard for commercial aerospace. Size 16 terminus.	Metal, Zirconia Ferrule	▲ ■
	*Lightly™	Moog Lightly™ - ARINC 801 style terminus with an insertion and removal tool built into the terminus. Easy to use and no extra tooling needed. Size 16 terminus.	Metal, Zirconia Ferrule	▲ ■
	POF ARINC 801	ARINC 801 style terminus for Plastic Optical Fiber. Size 16 terminus.	Metal	■
	M29504/4,5	Rear release gendered Mil-Spec terminus. Size 16 terminus.	Metal, Zirconia Ferrule	■
	M29504/14,15	Front release gendered Mil-Spec terminus. Size 16 terminus.	Metal, Zirconia Ferrule	■
	*POF M29504/4,5	M29504 style terminus mated pair for Plastic Optical Fiber (POF). Size 16 terminus.	Metal	■
	MT Ferrule	Mechanical Transfer High channel density 12, 24, up to 72 channels. 16, 32 channel variants, Expanded Beam and angled polish available.	Plastic, Glass	▲ ● ✱
	ELIO	2.5mm ferrule terminus, bayonet style locking system, compatible with tight and loose structure cable.	Plastic, Zirconia Ferrule	■
	Jewel	Rear release gendered Mil-Spec terminus. Pin and socket terminus design utilizing ruby endface. Size 16 terminus.	Metal, Ruby	■

FIBER

Fiber cabling capabilities include: multimode or singlemode cable support, singlecore and multicore plastic optical fiber, fixed attenuator cables. All glass cable types are available in discrete and multi-channel constructions including distribution and breakout style cables along with high density ribbon fibers.

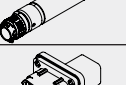
Fiber	Type	Description	Application
	Aerospace Grade	Meets stringent FAA requirements.	Aircraft
	Tactical	Ruggedized jacketing and strength member for harsh environments.	Industrial, high traffic, extreme environments
	Shipboard	Meets Navy Specifications. LSZH (Low Smoke Zero Halogen) and flame retardant.	Enclosed human occupied (aquatic) environments
	Lab Grade/MQJ	Cost effective while meeting optical specifications.	Lab Testing of networking components
	POF	Plastic Optical Fiber. High loss option for single use or low cost items.	Expendable, lightweight

*Patented Product

Legend: ■ Rugged ▲ Lab Use ● Telecom ✱ Multi-Channel

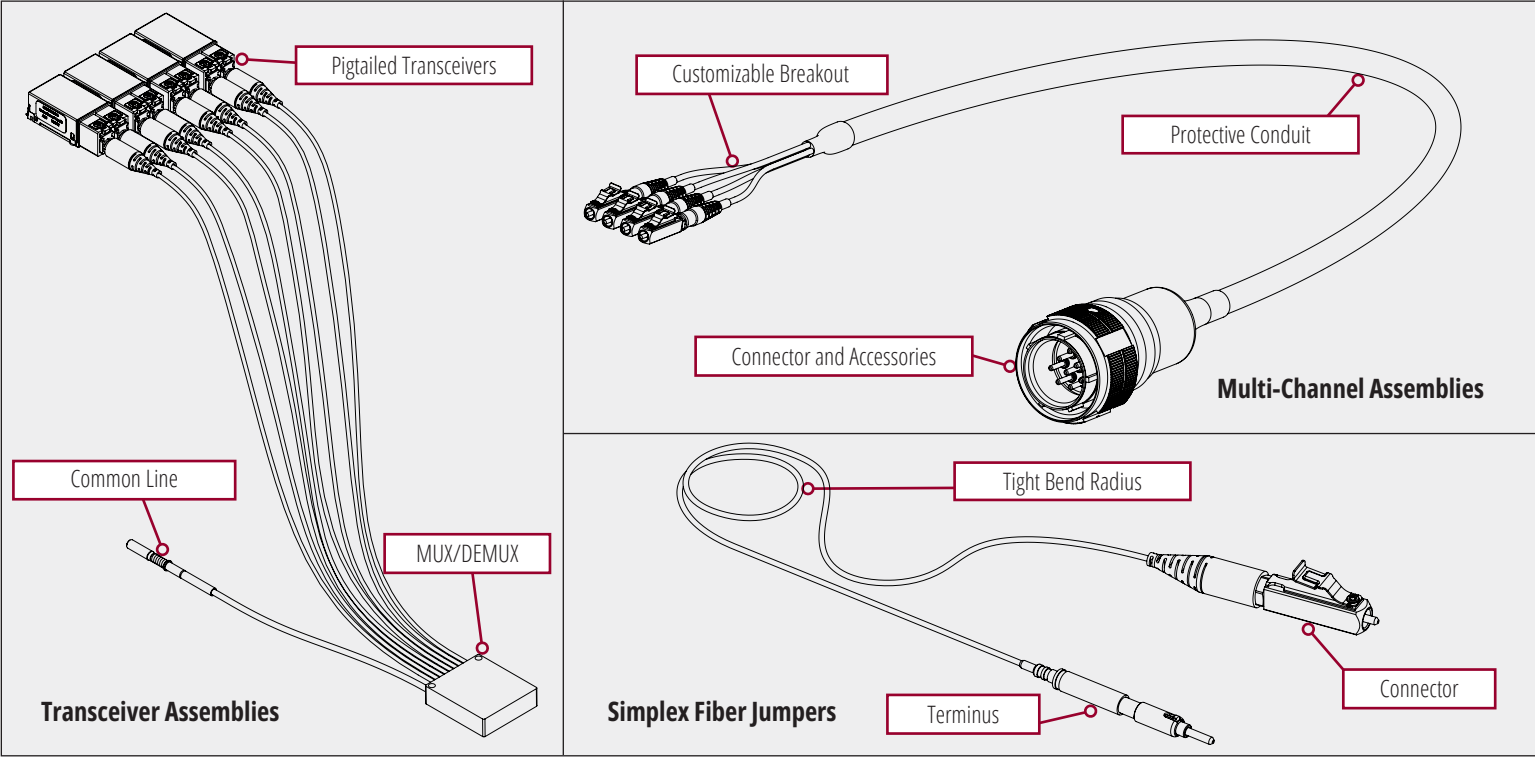
BULKHEAD CONNECTORS

Every connector is inspected visually, as well as with an interferometer, to ensure a pristine endface with geometry that meets or exceeds specifications.

Part	Name	Description
	MIL-DTL-38999	Military Detail 38999, Mil-Aero M29504/4,5.
	ARINC D38999	ARINC 801 standard terminus with bulkhead capability, Lightly™, ARINC 801.
	µ-D38999	Micro variations of the D38999 circular connectors, C-Beam.
	MT D38999 Style Connectors	High channel density with Mil-Spec performance, MT-12, MT-24.
	MIL-PRF-28876	Harsh shipboard environments, rugged naval applications, M29504/14,15.
	EN4165	Commercial aerospace cabin systems interface, mono/multi modules.

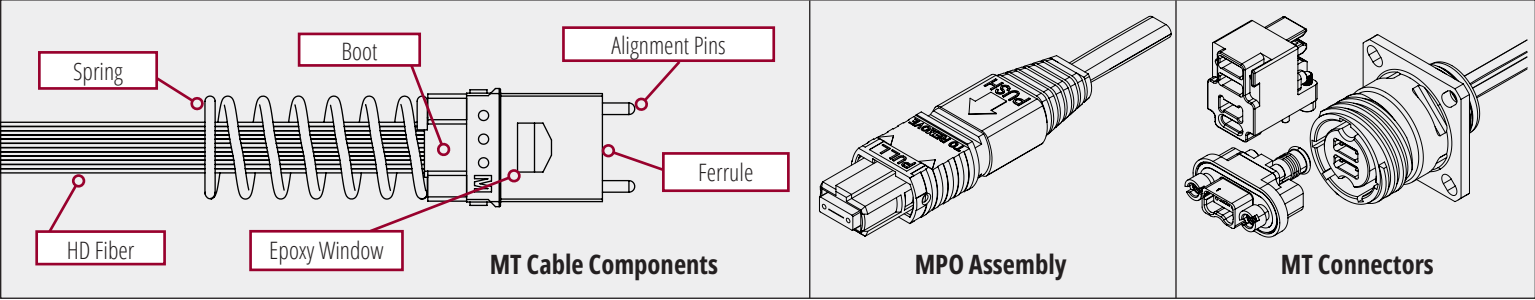
CUSTOM CABLE ASSEMBLIES

Moog designs and manufactures fiber optic cable assemblies utilizing MIL Standard and high-quality Commercial-Off-The-Shelf materials with qualified processes. Components are processed under AS9100 operation for required traceability. 100% testing is done with the option of endface image and geometries tracked to serialization of assemblies.



MT CABLE ASSEMBLIES

Moog specialty fiber optic cable manufacturing includes high density fiber optic termini and connectors. ‘MT’ or Mechanically Transfer Ferrule is a multi-fiber optic ferrule that is commonly used in high density fiber optic termination and is combined with other hardware to form robust connector solutions.



*Patented Product

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