

Fiber Optic Products

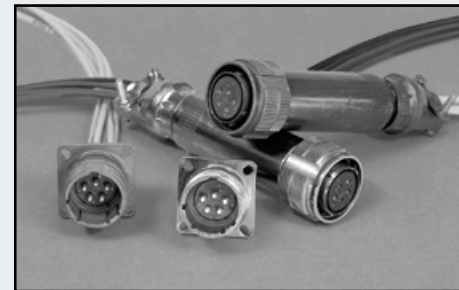
Amphenol offers Fiber Optic high performance termini and connector systems within a wide range of cylindrical and rectangular interconnect packaging. Fiber optic connectors and systems provide reliable transfer of data signals for communication systems in many applications - military, battlefield, commercial and medical.

Amphenol's MIL-T-29504/4 & 5 fiber to fiber termination offers low loss characteristics with high reliability and repeatability. Combined with the proven MIL-DTL-38999 Series III connector, Amphenol offers a multi-channel fiber optic connector system that is unsurpassed. The same fiber termini are incorporated into LRM surface mount connectors, and are combined with low mating force Brush contacts in PCB rectangular connectors.

Fiber Optics are available in several Interconnection Products:

- MIL-DTL-38999 Cylindricals -
 - Several styles & configurations
 - With Fiber Optic termini only or mixed with other contact types
- LRM Surface Mount Rectangulars
- Optical Backplanes
- PCB Rectangulars - combined with Brush contacts
- Space application connectors including MIL-STD-1773 Data Bus

Amphenol® Fiber Optic Products and Systems Provide Reliable, High Speed and Secure Interconnections



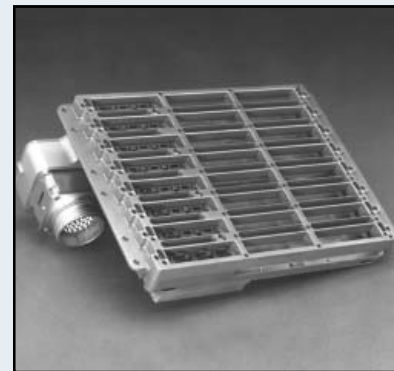
Multi-Channel Fiber to Fiber Systems



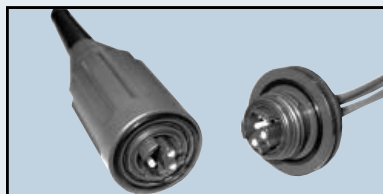
D38999 Connectors with MT Optical Ferrules



HQM Hermaphroditic Connectors



Fiber Optics Backplane with MT Optical Ferrules



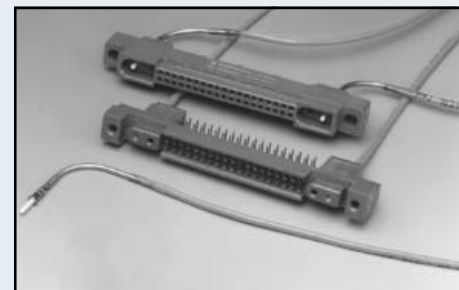
TFOCA two Connectors



CTOS Field Deployable Lens Connectors

Amphenol Fiber Optics are available in all the interconnection products shown here, plus:

- Advanced Fiber Optic Connectors with captivated alignment sleeves
- Fiber Optic Cable Assemblies
- Space Application Fiber Optic Connectors
- HLM Hermaphroditic Lensed Multiway Connectors
- Lens Connector Technology
- Fiber Optic Active Plugs
- CTOS and CTOL Tactical Connectors
- Optical Connectors: 5 smaller shell styles (2 and 4 channels) with threaded, bayonet or push-pull type coupling mechanisms
- Multi-way Backplane Connectors
- Termination Tool Kits



Hybrid Rectangular Connectors with Fiber Optics and Brush Contacts

Please see our websites:

www.amphenol-aerospace.com
www.amphenol-industrial.com

www.amphenol-abs.com
www.fo-interconnect.com