<table>
<thead>
<tr>
<th>Product Name</th>
<th>Features</th>
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</table>
| MTP/MPO Data Center Cable Solutions | • Patch cords, trunks, Multi- and Single-Mode  
• 12 and 24 Fiber Configurations  
• Low Loss Options Available |
| FlexiBend MTP/MPO Flexible-Boot Cable Assemblies | • Specialty components allow for multi-directional fiber routing  
• Strain-relief boots designed to accommodate straight to 90° routing  
• Provides “stay-in-place” boot positioning for improved cable management |
| LumaLink Optical Trace Cable Assemblies | • MTP/MPO  
• Multimode, Singlemode  
• OM4/OM4+ Fiber, 3.00mm OD Riser-Rated Cable |
| LC Connectors, Adapters and Cable Assemblies | • Simplex, duplex, singlemode and multimode options  
• Multiple adapter configurations including an 8-port option  
• 45° and 90° boot options for cable assemblies |
| Rack-Mount Fiber Enclosures and Cassettes | • Pluggable cassettes with LC and MPO interfaces  
• 1RU enclosure supports up to 192-LC-port capacity  
• Cassettes are compliant to EIA, ECA and ETSI standards |
| OptoConnect Optical Enclosures | • Enclosure Type: Rack-Mountable or Custom  
• Routing: FlexPlane Optical Circuitry  
• Interconnects: Optical Shuffles, Adapters, Cable Assemblies, LC, MPO/MTP Loopbacks |
### Connectors and Adapters

<table>
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<tr>
<td><strong>Optical EMI Shielding Adapters</strong>&lt;br&gt;Molex Optical EMI Shielding Adapters are ideal for data communications and networking applications that require I/O density</td>
<td>• Industry Standard Connector Interfaces&lt;br&gt;• Tested up to 25G&lt;br&gt;• Shutters and EMI Gaskets Included</td>
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<tr>
<td><strong>LC Connectors, Adapters and Cable Assemblies</strong>&lt;br&gt;Industry-standard multi-port and single adapters ideal for high-density network connections</td>
<td>• Simplex, duplex, singlemode and multimode options&lt;br&gt;• Multiple adapter configurations including an 8-port option&lt;br&gt;• 45° and 90° boot options for cable assemblies</td>
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<tr>
<td><strong>SC, SC/APC and Duplex Connectors, Adapters and Cable Assemblies</strong>&lt;br&gt;Indoor/outdoor-rated ultra-bend insensitive fiber, offers superior optical performance and a small bend radius, ideal for compact, constrictive spaces</td>
<td>• Simplex, duplex, singlemode and multimode options&lt;br&gt;• One-piece body design&lt;br&gt;• Shutters included</td>
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<td><strong>SnapMate Optical Interconnect System</strong>&lt;br&gt;Compact and re-matable optical interconnect in the footprint of a fusion splice</td>
<td>• Ceramic ferrule and alignment sleeve&lt;br&gt;• Low-profile housing&lt;br&gt;• Re-usable housing (up to 5 mating cycles)</td>
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<tr>
<td><strong>VersaBeam MT Interconnects</strong>&lt;br&gt;Offer a high-density optical interconnect requiring minimal cleaning while delivering repeatable optical performance over thousands of mating cycles.</td>
<td>• 12 micro lenses in an array&lt;br&gt;• Recessed micro lenses create a non-contacting ferrule interface&lt;br&gt;• MT ferrule footprint can be incorporated</td>
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<tr>
<td><strong>MXC Optical Interconnect Solutions</strong>&lt;br&gt;Deliver cutting-edge high-density performance with a streamlined design to enable the networking world's newest open-compute platforms</td>
<td>• Push-pull positive latching&lt;br&gt;• Non-metallic VersaBeam Expanded-Beam MT&lt;br&gt;• Low Mating Force Interconnect&lt;br&gt;• Minimized I/O Component Count POF cabling&lt;br&gt;• Data speeds up to 250 Mbps over 50m</td>
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## BACKPLANE CONNECTORS

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</table>
| **HBMT High-Density Optical Backplane Connector System** | • 4 port blind-mate connector with standard MT ferrules  
• Patented dual-shutter design  
• Independent latching mechanism |
| **MTP-CPI Coplanar Optical Backplane Interconnects** | • Hermaphroditic design  
• Inner housing and spring loaded  
• No mating frame required in the backplane |
| **VITA 66.1 Ruggedized MT Optical Backplane Interconnect System** | • Fully compliant with the ANSI-ratified VITA 66.1 specification  
• Robust housing with heavy-duty anodized aluminum construction  
• Supports up to 2 floating MT ferrules (termini) |
| **BLC LC Optical Backplane Connector System** | • Small form-factor LC interface  
• Discrete tunable ferrule  
• Independent latching mechanism |

## OPTICAL SHUFFLING

<table>
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</table>
| **OptoConnect Optical Enclosures** | • Enclosure Type: Rack-Mountable or Custom  
• Routing: FlexPlane Optical Circuitry  
• Interconnects: Optical Shuffles, Adapters, Cable Assemblies, LC, MPO/MTP Loopbacks |
| **FlexPlane Optical Flex Circuits** | • Singlemode, multimode or hybrid versions  
• Diverse substrate size, shape and packaging  
• Available in virtually any routing scheme |
# RUGGEDIZED SOLUTIONS

<table>
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| Optical Industrial Assemblies and Adapters | • Singlemode and multimode versions  
  • Bayonet locking for IP67 rated applications  
  • Industry standard (ODVA Compliant) connector and adapter |
| LC2+ Metal Optical Connectors | • Simplex, duplex, singlemode and multimode versions  
  • Metal body and latch version of the popular LC connector system  
  • Connectors available in standard, high-temperature and sealed versions |
| Optical EMI Shielding Adapters | • Industry Standard Connector Interfaces  
  • Tested up to 25G  
  • Shutters and EMI Gaskets Included |
| VITA 66.1 Ruggedized MT Optical Backplane Interconnect System | • Fully compliant with the ANSI-ratified VITA 66.1 specification  
  • Robust housing with heavy-duty anodized aluminum construction  
  • Supports up to 2 floating MT ferrules (terminals) |
<table>
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</table>
| MediSpec Hybrid Circular MT Cable Assemblies and Receptacles | • Configurable for optical and electrical interface  
• Medical-grade polymer  
• Expanded beam MT ferrule option |
| SMI Optical Interconnects (POF) | • Push-pull positive latching  
• Non-metallic POF cabling  
• Data speeds up to 250 Mbps over 50m |
| POF Cable Assemblies and Harnesses | • Temperature Range: -55 up to +105°C  
• Connector Options: Polymer and metal  
• Cable Options: Fully Customizable |
| Circular MT Assemblies | • Aluminum connector and receptacle housings  
• Circular MT is designed for round, multi-fiber jackets  
• Array MT offers a robust back shell and ribbon cable retention mechanisms |