MTP CASSETTE MODULES

DYNAMIX MTP® Cassette Modules allow for rapid deployment of high-density fibre links for applications such as data centres.

DYNAMIX MTP® Cassette Modules are designed to fit into our 3 way 19 inch patch panel or our 3U 19 inch 14 way chassis to provide a modular yet high density solution to patching. The cassette modules are used with DYNAMIX trunk cables and fanouts.

All DYNAMIX MTP® products are factory terminated and tested to deliver optimum optical performance and reliability.

Features
- Factory Terminated & Tested
- MTP® Connectors
- Compact Cable
- Tailor made
- Range of Fibre Types Available

Benefits
- Gives a reliable, rapid deployment solution that minimises installation time and cost. Assemblies are 100% factory tested.
- The revolutionary MTP® is a high performance MPO that provides 12 fibre connectivity. The MTP® is backwards compatible with existing MPO installations
- Takes up less space in cable pathways and allows greater air flow for cooling systems.
- All parts of the MTP® cabling range can be customised
- Available in OM1, OM2, OM3, OM4 & OS1/OS2

Technical Specifications
Meets or exceeds TIA/EIA-568-B.3 and ISO/IEC 11801.
- Cable jacket is compliant with IEC-60332 (LSZH)
- Connectors are compliant with IEC-61754-7
- Infiniband compliant
- 10G fibre channel compliant

Performance

<table>
<thead>
<tr>
<th>HEADER</th>
<th>Elite® Multimode</th>
<th>Multimode</th>
<th>Elite® Singlemode</th>
<th>Singlemode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion loss</td>
<td>0.1db Typical</td>
<td>0.20db Typical</td>
<td>0.1db Typical</td>
<td>0.25db Typical</td>
</tr>
<tr>
<td></td>
<td>0.35dB Max</td>
<td>0.60dB Max</td>
<td>0.35dB Max</td>
<td>0.75dB Max</td>
</tr>
<tr>
<td>Return loss</td>
<td>20dB</td>
<td>&gt;20dB</td>
<td>&gt;60dB (8o Angle Polish)</td>
<td>&gt;60dB (8o Angle Polish)</td>
</tr>
</tbody>
</table>
In each fiber optic system, the link from Transmitter (Tx) to receiver (Rx) needs to be flipped once. In a complete MTP link this flipping is provided by one flipped Trunk, whilst the two cassettes in this link shall be installed as straight version.

Note: The DYNAMIX preferred solution is a pair flipped trunk cable and two straight cassettes in the channel. The advantage of this polarity method is the reduced number of different components.