High Density 1U Data Center Solution - 1G/10G/40G/100G
Passive Fiber Modular Chassis

Network test access points (TAPs) are hardware tools that allow you to access and monitor your network. The passive fiber modular chassis system supports 1G, 10G, 40G and 100G network speeds.

This high density and high performance monitoring solution accommodates growing data center and enterprise needs for 100G Ethernet networks. The passive fiber modular chassis system features a scalable design allowing you to meet the demands of the network today and tomorrow, while supporting the investment in existing monitoring tools.

Key Features

Chassis supports: 1G/10G/40G/100G network speeds
Accomodates 16 to 24 network TAP modules, based on configuration
(24 LC TAP Modules, 16 MPO/MTP® TAP Modules, 16 BiDi LC TAP Modules)

- Durable, all steel construction for chassis and TAP network modules
- No power, no heat, no IP address, no MAC address - 100% passive
- Customize network TAPs to your networks needs
- Change network TAP modes on-the-fly or in the future
- Mix and match modules by media and/or speeds
- Supports single-mode: OS1/OS2 and multi-mode: OM3/OM4 media for long range and short range environments
- Supports Cisco BiDirectional optical technology
- Supports split ratios of: 90/10, 80/20, 50/50, 70/30, 60/40
- Designed, manufactured and supported in the United States
- Tested and Certified

APPLICATIONS:
- Network & Application Monitoring
- Network & Application Analysis
- Network & Application Performance
- Breakout Mode is ideal when utilization is very high and packet loss is not an option.

SOLUTIONS:
Passive optical TAPs are ideal for:
- Intrusion Detection Systems
- Application Performance Monitoring
- Lawful Interception
- Network Packet Broker
- Deep Packet Inspection
- Network Analyzer
- Forensics

TECHNOLOGY PARTNERS:
Garland Technology's Breakout TAPs have been approved for use by:

Competitive Edge
- Supports OS1/OS2, OM1/OM2 and OM3/OM4 Media
- New prism based technology reduces bit errors on OM3/OM4 applications, providing 100% utilization
- Tested and Certified

Have Questions?
sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com
# High Density 1U Data Center Solution - 1G/10G/40G/100G

## Passive Fiber Modular Chassis

<table>
<thead>
<tr>
<th>Chassis options</th>
<th>Model #</th>
<th>Network Speed</th>
<th>Ports</th>
<th># of TAPs</th>
<th>Split Ratio*</th>
<th>Wavelengths</th>
<th>Media</th>
<th>Connector/Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMC-1U Fiber Modular Chassis</td>
<td>OS2501M</td>
<td>Up to 100G</td>
<td>1</td>
<td>50/50</td>
<td>1310/1550nm</td>
<td>Fiber-OS1/OS2</td>
<td>Fiber-LC Single-Mode Fiber</td>
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<tr>
<td></td>
<td>OS2701M</td>
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<tr>
<td></td>
<td>OM1501M</td>
<td>Up to 10G</td>
<td>1</td>
<td>50/50</td>
<td>850/1300nm</td>
<td>Fiber-OM1/OM2</td>
<td>Fiber-LC Multi-Mode Fiber</td>
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<tr>
<td></td>
<td>OM1701M</td>
<td>Up to 10G</td>
<td>1</td>
<td>70/30</td>
<td>850/1300nm</td>
<td>Fiber-OM1/OM2</td>
<td>Fiber-LC Multi-Mode Fiber</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OM4501M</td>
<td>Up to 10G</td>
<td>1</td>
<td>50/50</td>
<td>850nm</td>
<td>Fiber-OM3/OM4</td>
<td>Fiber-LC Multi-Mode Fiber</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OM4701M</td>
<td>Up to 10G</td>
<td>1</td>
<td>70/30</td>
<td>850nm</td>
<td>Fiber-OM3/OM4</td>
<td>Fiber-LC Multi-Mode Fiber</td>
<td></td>
</tr>
<tr>
<td>OS2 Fiber supports OS1 &amp; OS2; OM1 Fiber supports OM1 &amp; OM2; OM4 Fiber supports OM3 &amp; OM4</td>
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</tbody>
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For additional information on dB loss: [http://hubs.ly/H07xhB40](http://hubs.ly/H07xhB40)

- Up to 24 TAP modules
- Scalable design, populate TAP modules as needed
- No power, no heat, no fans - 100% passive
- Durable steel construction on chassis and TAP modules
- Easy access to monitoring port links
- Easy and accurate alignment with guide pin and magnet

**Dimensions (WxHxD):** 17.40" x 1.75" x 13.45" (441.96mm x 44.45mm x 341.63mm)

**Ambient Temperature:** 0°C to +40°C / +32°F to +104°F

**Storage Temperature:** -20°C to +70°C / -4°F to +158°F

**Humidity:** 90% non-condensing

*There is no power needed for these TAPs*