High Density 1G/10G Passive Fiber TAPs
Multi-mode | Breakout Network TAPs

Garland Technology’s high density Fiber network TAPs feature an unique and cost-saving solution offering more functionality with less rack space.

Network test access points (TAPs) are a hardware tool that allows you to monitor your network. All breakout TAPs are passive, purpose-built hardware devices that make a 100% copy of your networks data allowing your security and monitoring tools to see every bit, byte and packet.®

Key Features

- Tested and certified by Big Switch Networks
- Exclusive Network TAP vendor of Big Switch Networks
- 100% network visibility
- 100% secure and invisible; no IP address; no Mac address; cannot be hacked
- Multimode passive optical for up to 10Gb Ethernet
- Passes physical layer errors
- Supports Breakout Mode
- 1U chassis holds 28 or 56 TAPs - 56 TAP units are populated front and back
- Plug & Play easy installation, no configuration; no additional power source required

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
- Packet Capture
- Deep Packet Inspection
- Network Analyzer
- Forensics

Competitive Edge

- New Prism based technology that reduces bit errors on OM3 + OM4 applications, providing 100% utilization.
- Highest density in industry with 28 or 56 TAPs
- Made, tested and certified in the USA

Have Questions?

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High Density 1G/10G Passive Fiber TAPs

Multi-mode | Breakout Network TAPs

<table>
<thead>
<tr>
<th>Model #</th>
<th>Network Speed</th>
<th>Chassis Size</th>
<th># of TAPs</th>
<th>Split Ratio*</th>
<th>Wavelengths</th>
<th>Media</th>
<th>Connector/Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>OM15028</td>
<td>Up to 10G</td>
<td>Chassis 1U</td>
<td>28</td>
<td>50/50</td>
<td>850/1300nm</td>
<td>Fiber-OM1</td>
<td>Fiber-LC Multi-mode Fiber</td>
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<tr>
<td>OM17028</td>
<td>Up to 10G</td>
<td>Chassis 1U</td>
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<td>70/30</td>
<td>850/1300nm</td>
<td>Fiber-OM1</td>
<td>Fiber-LC Multi-mode Fiber</td>
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<td>OM35028</td>
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<td>Fiber-OM3</td>
<td>Fiber-LC Multi-mode Fiber</td>
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<td>50/50</td>
<td>850nm</td>
<td>Fiber-OM3/OM4</td>
<td>Fiber-LC Multi-mode Fiber</td>
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<td>OM15056</td>
<td>Up to 10G</td>
<td>Chassis 1U</td>
<td>56</td>
<td>50/50</td>
<td>850/1300nm</td>
<td>Fiber-OM1</td>
<td>Fiber-LC Multi-mode Fiber</td>
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<td>70/30</td>
<td>850nm</td>
<td>Fiber-OM4/OM4</td>
<td>Fiber-LC Multi-mode Fiber</td>
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</tbody>
</table>

*Custom split ratios are available in 60/40, 80/20, 90/10, please inquire. *56 1U Fiber TAPs are populated front and back.

Additional Specifications

- **Multi-mode**
  - **Fiber Type:**
    - OM1 Models: Multi-Mode 62.5 micron OM1
    - OM3 Models: Multi-Mode 50 micron OM3
    - OM4 Clearcurve BIF 900um buffer
  - **Directivity:** ≥40dB
  - **Temperature:** -40 to +85C
  - **Packaging:** Stainless steel tube, 3.05mm (dia) x 55mm (len)

- **Additional Specifications**
  - **Dimensions:** 17.32” x 1.72” x 13.42” (439.93mm x 43.69mm x 340.87mm)
  - **Weight:** x28 - 4.5 lbs (2.04 kg); x56 - 6.5 lbs (2.95 kg)
  - **Ambient Temperature:** 0C to +40C / +32F to +104F
  - **Storage Temperature:** -20C to +70C / -4F to +158F
  - **Humidity:** 90% non-condensing
  - *There is no power needed for these TAPs

- **Use Case**

- **Data Center Core**

- **Distribution**

- **Access**

- **Insertion Loss**

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<tr>
<th>Split Ratio*</th>
<th>Network Port</th>
<th>Monitor Port</th>
</tr>
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<tbody>
<tr>
<td>50/50</td>
<td>4.5dB</td>
<td>4.5dB</td>
</tr>
<tr>
<td>60/40</td>
<td>3.1dB</td>
<td>5.1dB</td>
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<tr>
<td>70/30</td>
<td>2.4dB</td>
<td>6.3dB</td>
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<tr>
<td>80/20</td>
<td>1.8dB</td>
<td>8.1dB</td>
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<tr>
<td>90/10</td>
<td>1.3dB</td>
<td>11.5dB</td>
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