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
- Single mode passive optical for up to 100Gb 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
- Highest density in industry with 28 or 56 TAPs
- Made, tested and certified in the USA

Have Questions?
sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com
High Density 1G/10G/40G/100G Passive Fiber 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>OS15028</td>
<td>Up to 100G</td>
<td>Chassis 1U</td>
<td>28</td>
<td>50/50</td>
<td>1310/1550nm</td>
<td>Fiber-OS1</td>
<td>Fiber-LC Single-mode Fiber</td>
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<td>OS17028</td>
<td>Up to 100G</td>
<td>Chassis 1U</td>
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<td>70/30</td>
<td>1310/1550nm</td>
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*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**

**Fiber Type:** OS1 Models: Single-Mode 9/125 micron
Single-Mode OS2:
**Directivity:** ≥50dB
**Temperature:** -40 to +85°C
**Packaging:** Stainless steel tube, 3.05mm (dia) x 55mm (len)

**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:** 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

**Insertion Loss**

<table>
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<tr>
<th>Split Ratio*</th>
<th>Network Port</th>
<th>Monitor Port</th>
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<td>3.7dB</td>
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<tr>
<td>60/40</td>
<td>2.8dB</td>
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<tr>
<td>70/30</td>
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<td>6.1dB</td>
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<td>80/20</td>
<td>1.3dB</td>
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<tr>
<td>90/10</td>
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<td>12.0dB</td>
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</table>

**Use Case**

Data Center Core 100G

Distribution 10G

Access 1G

Internet

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