1G/10G/40G/100G Passive Fiber TAPs
Single-mode | Breakout Network TAPs

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

Passive TAPs are non-powered devices that will not cause the live network devices to loose link between one another if power is lost.

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
• Passes physical layer errors
• Supports Breakout Mode
• Supports Jumbo frames
• 1U rack mount kit holds up to 4 modules, each module can have 1, 2, 3 or 4 TAPs
• Plug & Play easy installation, no configuration; no power source required

APPLICATIONS:
• Network & Application Monitoring
• Network & Application Analysis
• Network & Application Performance
• Data Center-Longhaul fiber environment

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

• No upgrade needed. Unlike the competition, this handles your network today and tomorrow and will work in all of your applications.
• Supports long range and extended range single-mode environments.
• Made, tested and certified in the USA

Have Questions?
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1G/10G/40G/100G Passive Fiber TAPs

Modular | Single-mode | Breakout Network TAPs

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<table>
<thead>
<tr>
<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>
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</thead>
<tbody>
<tr>
<td>OS1501</td>
<td>Up to 100G</td>
<td>1</td>
<td>50/50</td>
<td>1310/1550nm</td>
<td>Fiber-OS1</td>
<td>Fiber-LC Single-Mode Fiber</td>
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RMP-1U 1U Rack Mount Kit - Hold up to 4 Modules, each Module can have 1, 2, 3 or 4 TAPs

* Custom split ratios are available in 60/40, 80/20 or 90/10, please inquire.

Use Case

Data Center Core

Distribution

Access

100G

Garland Technology Network TAPs
A Certified Big Switch Networks Solution

Additional Specifications

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

Additional Dimensions:

(WxHxD): 3.9" x 1.72" x 6.8" (99.06mm x 43.69mm x 172.72mm)

Weight:

1.45 lbs (0.66 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

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<th>Monitor Port</th>
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<td>3.7dB</td>
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<td>60/40</td>
<td>2.8dB</td>
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<td>70/30</td>
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<td>80/20</td>
<td>1.3dB</td>
<td>8.0dB</td>
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<tr>
<td>90/10</td>
<td>0.8dB</td>
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