Multi-mode 40G-SR-BiDi Passive Fiber TAPs
BiDirectional | 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
- Unique design provides the flexibility to TAP multi-mode OM3/OM4 fiber types
- 100% network visibility
- 100% secure and invisible; no IP address; no Mac address; cannot be hacked
- Passes physical layer errors
- Supports Breakout Mode
- 1U rack mount kit holds up to 4 modules, each module can have 1, 2 or 3 TAPs
- 1U Integrated chassis option holds up to 21 TAPs
- Plug & Play easy installation, no configuration; no power source required

Network Flow

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

TECHNOLOGY PARTNERS:
Supports Cisco BiDi Optical Technology

Competitive Edge
- New Prism based technology that reduces bit errors on OM3 + OM4 applications, providing 100% utilization.
- Exclusive High Density with 21 TAPs.
- Made, tested and certified in the USA

Have Questions?
sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com
# Multi-mode 40G-SR-BiDi Passive Fiber TAPs

**Modular | BiDi | Breakout Network TAPs**

<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>
</tr>
</thead>
<tbody>
<tr>
<td>OM4501-40GSR-4BiDi</td>
<td>Up to 40G</td>
<td></td>
<td>1</td>
<td>50/50</td>
<td>800/950nm</td>
<td>Fiber-OM3/OM4</td>
<td>Fiber-LC Multi-mode Fiber</td>
</tr>
<tr>
<td>OM4502-40GSR-4BiDi</td>
<td>Up to 40G</td>
<td></td>
<td>2</td>
<td>50/50</td>
<td>800/950nm</td>
<td>Fiber-OM3/OM4</td>
<td>Fiber-LC Multi-mode Fiber</td>
</tr>
<tr>
<td>OM4503-40GSR-4BiDi</td>
<td>Up to 40G</td>
<td></td>
<td>3</td>
<td>50/50</td>
<td>800/950nm</td>
<td>Fiber-OM3/OM4</td>
<td>Fiber-LC Multi-mode Fiber</td>
</tr>
<tr>
<td>OM45021-40GSR-4BiDi</td>
<td>Up to 40G</td>
<td></td>
<td>21</td>
<td>50/50</td>
<td>800/950nm</td>
<td>Fiber-OM3/OM4</td>
<td>Fiber-LC Multi-mode Fiber</td>
</tr>
<tr>
<td>RMP-1U</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1U Rack Mount Kit - Hold up to 4 Modules, each Mod can have 1, 2 or 3 TAPs</td>
</tr>
</tbody>
</table>

## Additional Specifications

### Multimode
- **Fiber Type:** OM4 Clearcurve BIF 900um buffer
- **Split Ratio:** 50/50 (50%)
- **Typical Insertion Loss:** ≤3.8dB (without connector)
- **Directivity:** ≥25dB
- **Temperature:** -40 to +90C
- **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:** 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 40G**
- **Distribution 10G**

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