

# BiDi Passive Fiber Network TAPs

40G-SR-BiDi | Multi-mode & Single-mode | Cisco BiDirectional Optical Technology



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.®

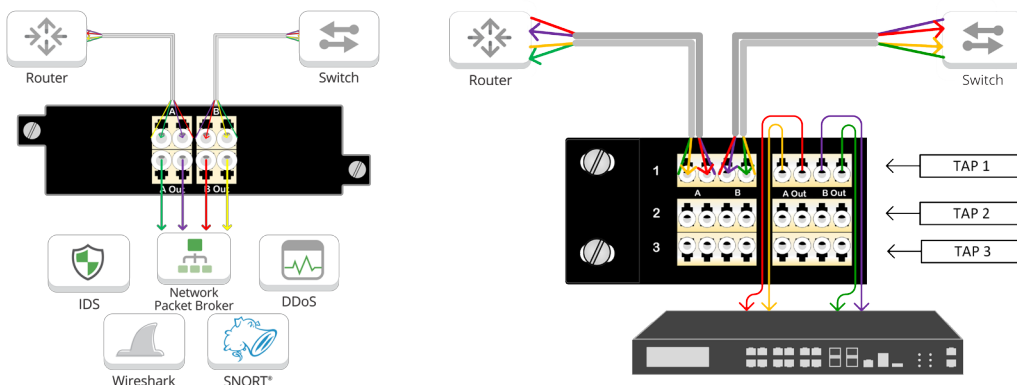
Passive TAPs are non-powered devices that will not cause the live network devices to lose link between one another if power is lost.



## Key Features

- Supports Cisco BiDi Optical Technology
- Unique design provides the flexibility to TAP multi-mode OM3/OM4/OM5 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
- Made, tested and certified in the USA

## 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 Intercept
-  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.
- Exclusive High Density with 21 TAPs.
- Tested and Certified















### Have Questions?

[sales@garlandtechnology.com](mailto:sales@garlandtechnology.com)  
 +716.242.8500  
[garlandtechnology.com](http://garlandtechnology.com)

# BiDi Passive Fiber Network TAPs

40G-SR-BiDi | Multi-mode & Single-mode | Cisco BiDirectional Optical Technology

Model #	Network Speed	Ports	# of TAPs	Split Ratio*	Wavelengths	Media	Connector/Mode
RMP-1U			1U Rack Mount Kit - Hold up to 4 Modules, each Module can have 1, 2, 3 or 4 TAPs				
OM4501-40GSR4BiDi	40G		1	50/50	800/950nm	Fiber-OM3/OM4/OM5	Fiber-LC Multi-mode Fiber
OM4502-40GSR4BiDi	40G		2	50/50	800/950nm	Fiber-OM3/OM4/OM5	Fiber-LC Multi-mode Fiber
OM4503-40GSR4BiDi	40G		3	50/50	800/950nm	Fiber-OM3/OM4/OM5	Fiber-LC Multi-mode Fiber
OM45021-40GSR4BiDi	40G		21	50/50	800/950nm	Fiber-OM3/OM4/OM5	Fiber-LC Multi-mode Fiber
OM4701-40GSR4BiDi	40G		1	70/30	800/950nm	Fiber-OM3/OM4/OM5	Fiber-LC Multi-mode Fiber
OM4702-40GSR4BiDi	40G		2	70/30	800/950nm	Fiber-OM3/OM4/OM5	Fiber-LC Multi-mode Fiber
OM4703-40GSR4BiDi	40G		3	70/30	800/950nm	Fiber-OM3/OM4/OM5	Fiber-LC Multi-mode Fiber
OM47021-40GSR4BiDi	40G		21	70/30	800/950nm	Fiber-OM3/OM4/OM5	Fiber-LC Multi-mode Fiber
OS2502-BiDi	1G/10G		2	50/50	1270~1350nm/ 1450~1530nm/ 1510~1590nm	Fiber-OS2	Fiber-LC Single-Mode
OS2504-BiDi	1G/10G		4	50/50	1270~1350nm/ 1450~1530nm/ 1510~1590nm	Fiber-OS2	Fiber-LC Single-Mode
OS2506-BiDi	1G/10G		6	50/50	1270~1350nm/ 1450~1530nm/ 1510~1590nm	Fiber-OS2	Fiber-LC Single-Mode

## Additional Specifications

### Multimode

**Fiber Type:** OM4 Clearcurve BIF 900um buffer

**Split Ratio:** 50/50 (50%)

**Typical Insertion Loss:** ≤4.25dB (without connector)\*

**Directivity:** ≥25dB\*

**Temperature:** -40 to +90C

**Packaging:** Stainless steel tube, 3.05mm (dia) x 55mm (len)

\*Specifications are subject to change at anytime

### Additional

**Dimensions:** (HxWxD): 1.72" x 3.9" x 6.8"  
(43.69mm x 99.06mm 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



This document is for informational purposes only. The information in this document, believed by Garland Technology to be accurate as of the date of publication, is subject to change without notice. Garland Technology assumes no responsibility for any errors or omissions in this document and shall have no obligation to you as a result of having made this document available to you or based upon the information it contains. ©2018 Garland Technology LLC. All Rights Reserved