

BiDi Passive Fiber Network TAP

Visibility Solution for Network Monitoring with Cisco BiDirectional Optical Technology



Visibility starts with the packet. A network TAP (test access point) is a hardware device that allows you to access and monitor your network traffic by copying packets without impacting or compromising network integrity.

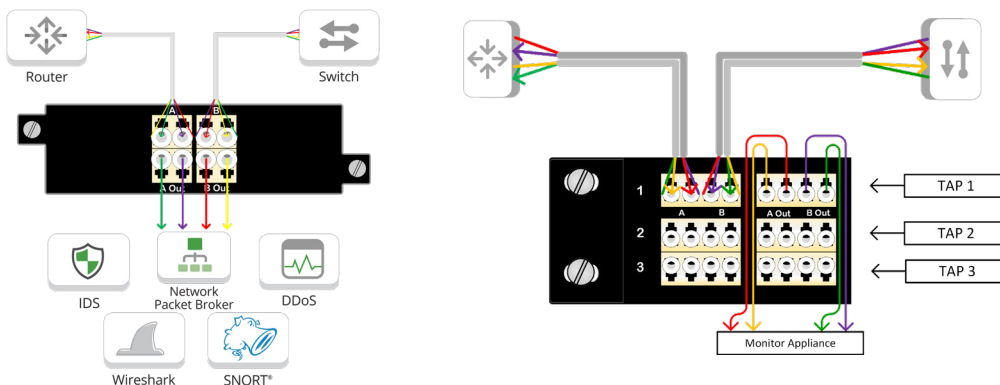
Garland's BiDi Passive Fiber Network TAPs provide full duplex packet visibility utilizing Cisco BiDirectional Optical Technology guaranteeing your tools see every bit, byte, and packet.®

These TAPs are available in high density portable and 1U form factors and are non-powered devices that will not cause the live network devices to lose the link between one another if power is lost. Multi-mode TAPs are designed for short-range connectivity.

Key Features

- Provide 100% full duplex traffic visibility
- Cisco BiDirectional Optical Technology
- Supports tap 'Breakout' Mode
- Supports multi-mode OM3, OM4, OM5
- 100% secure and invisible; no IP address; no Mac address; cannot be hacked
- Passes physical layer errors
- Supports jumbo frames
- Exclusive 21 TAP 1U high density solution
- 1U rack mount kit holds up to 4 modules, each module can have 1, 2 or 3 TAPs
- Plug & Play easy installation, no configuration; no power source required
- Made, tested and supported 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 BiDi TAPs are ideal for:

- IDS Intrusion Detection Systems
- APM Application Performance Monitoring
- Lawful Intercept
- Packet Capture
- DPI 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?

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BiDi Passive Fiber Network TAP

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					
OM4501-40GSRBiDi	40G		1	50/50	850-950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode	
OM4502-40GSRBiDi	40G		2	50/50	850-950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode	
OM4503-40GSRBiDi	40G		3	50/50	850-950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode	
OM5501-SRBiDi	40/100G		1	50/50	850-950nm	Fiber OM5	Fiber-LC-Multi-Mode	
OM5502-SRBiDi	40/100G		2	50/50	850-950nm	Fiber OM5	Fiber-LC-Multi-Mode	
OM5503-SRBiDi	40/100G		3	50/50	850-950nm	Fiber OM5	Fiber-LC-Multi-Mode	
OM45021-40GSRBiDi	40G		21	50/50	800/950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode	
OM55021-SRBiDi	40/100G		21	50/50	850-950nm	Fiber OM5	Fiber-LC-Multi-Mode	
OM4701-40GSRBiDi	40G		1	70/30	850-950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode	
OM4702-40GSRBiDi	40G		2	70/30	850-950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode	
OM4703-40GSRBiDi	40G		3	70/30	850-950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode	
OM5701-SRBiDi	40/100G		1	70/30	850-950nm	Fiber OM5	Fiber-LC-Multi-Mode	
OM5702-SRBiDi	40/100G		2	70/30	850-950nm	Fiber OM5	Fiber-LC-Multi-Mode	
OM5703-SRBiDi	40/100G		3	70/30	850-950nm	Fiber OM5	Fiber-LC-Multi-Mode	
OM47021-40GSRBiDi	40G		21	70/30	850-950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode	
OM57021-SRBiDi	40/100G		21	70/30	850-950nm	Fiber OM5	Fiber-LC-Multi-Mode	
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	

*OM3/OM4 available in OM5

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



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