GARLAND TECHNOLOGY

See every bit, byte, and packet®

DATASHEET

BiDi Passive Fiber Network TAP

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

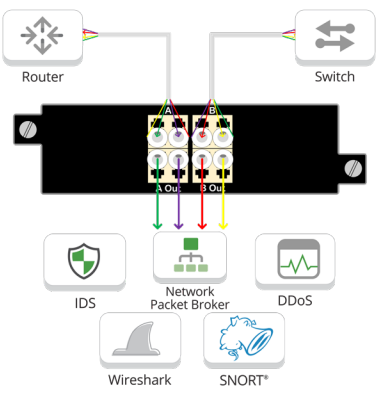
Network test access points (TAPs) are hardware tools that allow you to monitor your network. All fiber breakout TAPs are passive, purpose-built hardware devices that make a 100% copy of your network's data allowing your monitoring tools to see every bit, byte and packet.®

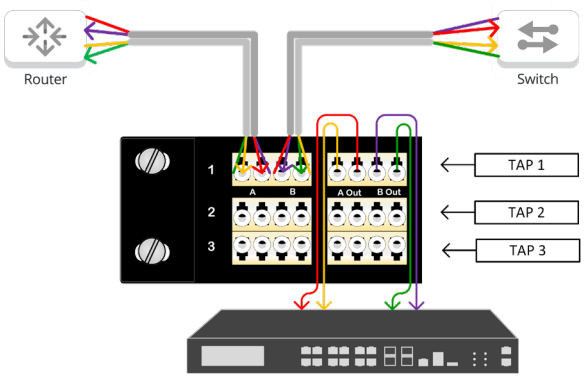
Passive TAPs are non-powered devices that will not cause the live network devices to lose link between one another if power is lost.

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:

- IDS — Intrusion Detection Systems
- APM — Application Performance Monitoring
- Lawful Intercept — Lawful Interception
- Network Packet Broker — Packet Capture
- DPI — Deep Packet Inspection
- Network Analyzer — Network Analyzer
- Forensics — 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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Model #	Network Speed	Ports	# of TAPs	Split Ratio*	Wavelengths	Media	Connnector/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	850-950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode
OM4502-40GSR4BiDi	40G		2	50/50	850-950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode
OM4503-40GSR4BiDi	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
OM45021-40GSR4BiDi	40G		21	50/50	800/950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode
OM55021-40GSR4BiDi	40/100G		21	50/50	850-950nm	Fiber OM5	Fiber-LC-Multi-Mode
OM4701-40GSR4BiDi	40G		1	70/30	850-950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode
OM4702-40GSR4BiDi	40G		2	70/30	850-950nm	Fiber-OM3/OM4	Fiber-LC-Multi-Mode
OM4703-40GSR4BiDi	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
OM5702-4SRBiDi	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
OM47021-40GSR4BiDi	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

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

cisco Compatible

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