Multi-mode 40G-SR-BiDi Passive Fiber TAPs
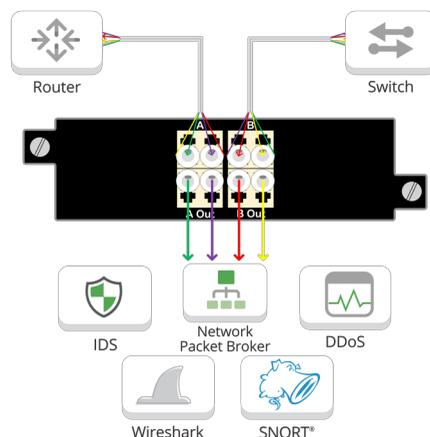## BiDirectional | Breakout Network TAPs

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

Router
Switch
A
B
A Out
B Out
IDS
Network Packet Broker
DDoS
Wireshark
SNORT®

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 (IDS)
- Application Performance Monitoring (APM)
- Lawful Interception (Lawful Intercept)
- Packet Capture (Network Packet Broker)
- Deep Packet Inspection (DPI)
- Network Analyzer (Network Analyzer)
- Forensics (Forensics)

TECHNOLOGY PARTNERS:
Supports Cisco BiDi Optical Technology

CISCO Solution Partner

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

TESTED CERTIFIED GUARANTEED

Have Questions?
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Multi-mode 40G-SR-BiDi Passive Fiber TAPs

Modular | BiDi | Breakout Network TAPs

Model #	Network Speed	Ports	# of TAPs	Split Ratio*	Wavelengths	Media	Connnector/Mode
OM4501-40GSR-4BiDi	Up to 40G		1	50/50	800/950nm	Fiber-OM3/OM4	Fiber-LC Multi-mode Fiber
OM4502-40GSR-4BiDi	Up to 40G		2	50/50	800/950nm	Fiber-OM3/OM4	Fiber-LC Multi-mode Fiber
OM4503-40GSR-4BiDi	Up to 40G		3	50/50	800/950nm	Fiber-OM3/OM4	Fiber-LC Multi-mode Fiber
OM45021-40GSR-4BiDi	Up to 40G		21	50/50	800/950nm	Fiber-OM3/OM4	Fiber-LC Multi-mode Fiber
RMP-1U	1U Rack Mount Kit - Hold up to 4 Modules, each Mod can have 1, 2 or 3 TAPs						

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)
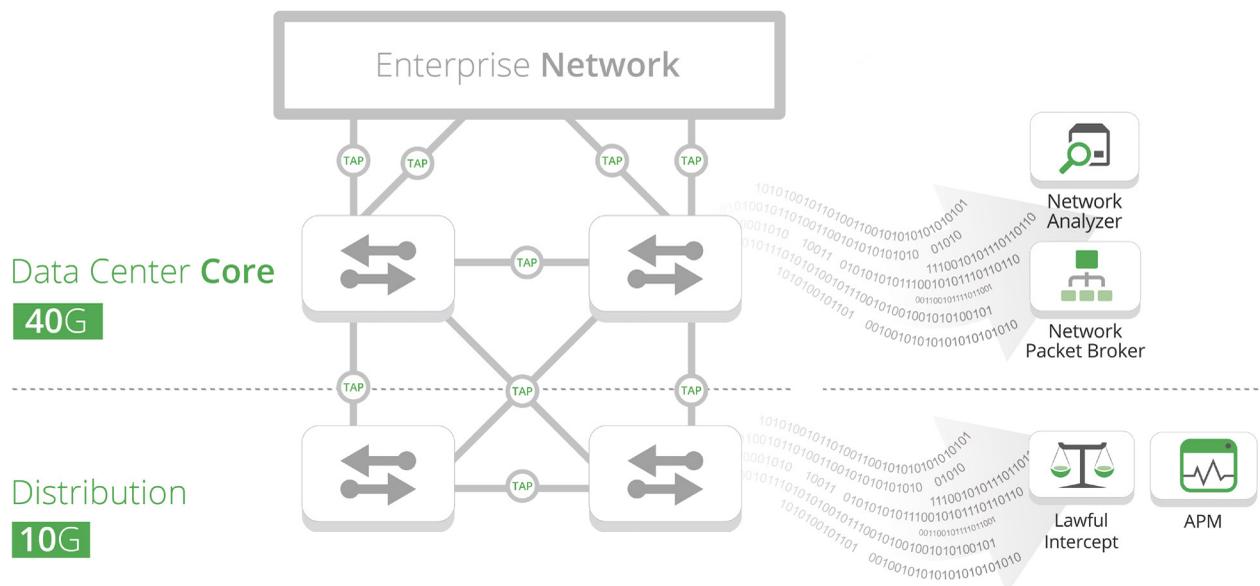**Weight:** 1.45 lbs (0.66 kg)
Ambient Temperature: 0C to +40C / +32F to +104F
Storage Temperature: -20C to +70C / -4F to +158F
Humidity: 90% non-condensing
*There is no power needed for these TAPs

Use Case