GARLAND TECHNOLOGY
See every bit, byte, and packet®

DATASHEET

1G/10G/40G/100G Passive Fiber TAPs

Single-mode | Breakout Network TAPs

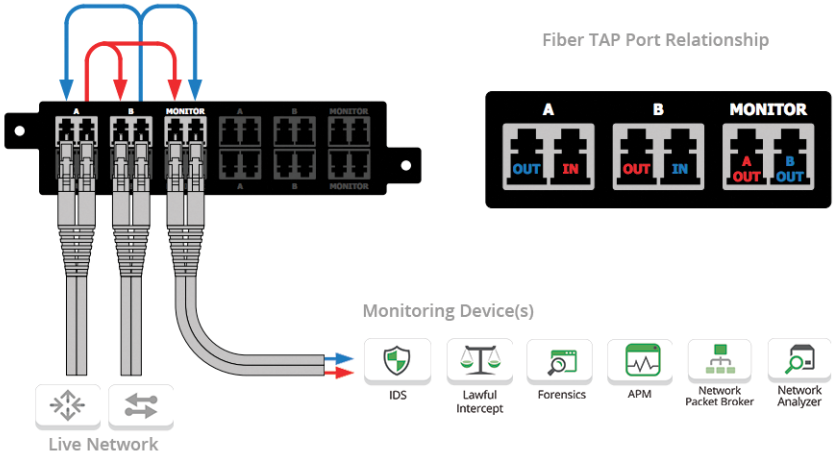
Network test access points (TAPs) are hardware tools that allow you to monitor your network. All fiber breakout TAPs are passive, purpose-built hardware devices that make a 100% copy of your network's data allowing your monitoring tools to see every bit, byte and packet.®

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

- 100% network visibility
- 100% secure and invisible; no IP address; no Mac address; cannot be hacked
- Passes physical layer errors
- Supports Breakout Mode
- Supports Jumbo frames
- 1U rack mount kit holds up to 4 modules, each module can have 1, 2, 3 or 4 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
- Data Center-Longhaul fiber environment

+ 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

TECHNOLOGY PARTNERS:

Garland Technology's Breakout TAPs have been approved for use by:

riverbed Think fast. · savvius · FLUKE networks · NETSCOUT · endace · Gearbit · NETFORT know your network · inveaTECH · big switch networks

Competitive Edge

- No upgrade needed. Unlike the competition, this handles your network today and tomorrow and will work in all of your applications.
- Supports long range and extended range single-mode environments.
- Tested and Certified

TESTED CERTIFIED GUARANTEED

Have Questions?

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1G/10G/40G/100G Passive Fiber TAPs

Modular | Single-mode | Breakout Network TAPs

Model #	Network Speed	Ports	# of TAPs	Split Ratio*	Wavelengths	Media	Connnector/Mode
OS1501	Up to 100G		1	50/50	1310/1550nm	Fiber-OS1	Fiber-LC Single-Mode Fiber
OS1701	Up to 100G		1	70/30	1310/1550nm	Fiber-OS1	Fiber-LC Single-Mode Fiber
OS2501	Up to 100G		1	50/50	1310/1550nm	Fiber-OS2	Fiber-LC Single-Mode Fiber
OS2701	Up to 100G		1	70/30	1310/1550nm	Fiber-OS2	Fiber-LC Single-Mode Fiber
OS1502	Up to 100G		2	50/50	1310/1550nm	Fiber-OS1	Fiber-LC Single-Mode Fiber
OS1702	Up to 100G		2	70/30	1310/1550nm	Fiber-OS1	Fiber-LC Single-Mode Fiber
OS2502	Up to 100G		2	50/50	1310/1550nm	Fiber-OS2	Fiber-LC Single-Mode Fiber
OS2702	Up to 100G		2	70/30	1310/1550nm	Fiber-OS2	Fiber-LC Single-Mode Fiber
OS1503	Up to 100G		3	50/50	1310/1550nm	Fiber-OS1	Fiber-LC Single-Mode Fiber
OS1703	Up to 100G		3	70/30	1310/1550nm	Fiber-OS1	Fiber-LC Single-Mode Fiber
OS2503	Up to 100G		3	50/50	1310/1550nm	Fiber-OS2	Fiber-LC Single-Mode Fiber
OS2703	Up to 100G		3	70/30	1310/1550nm	Fiber-OS2	Fiber-LC Single-Mode Fiber
OS1504	Up to 100G		4	50/50	1310/1550nm	Fiber-OS1	Fiber-LC Single-Mode Fiber
OS1704	Up to 100G		4	70/30	1310/1550nm	Fiber-OS1	Fiber-LC Single-Mode Fiber
OS2504	Up to 100G		4	50/50	1310/1550nm	Fiber-OS2	Fiber-LC Single-Mode Fiber
OS2704	Up to 100G		4	70/30	1310/1550nm	Fiber-OS2	Fiber-LC Single-Mode Fiber
RMP-1U	1U Rack Mount Kit - Hold up to 4 Modules, each Module can have 1, 2, 3 or 4 TAPs						

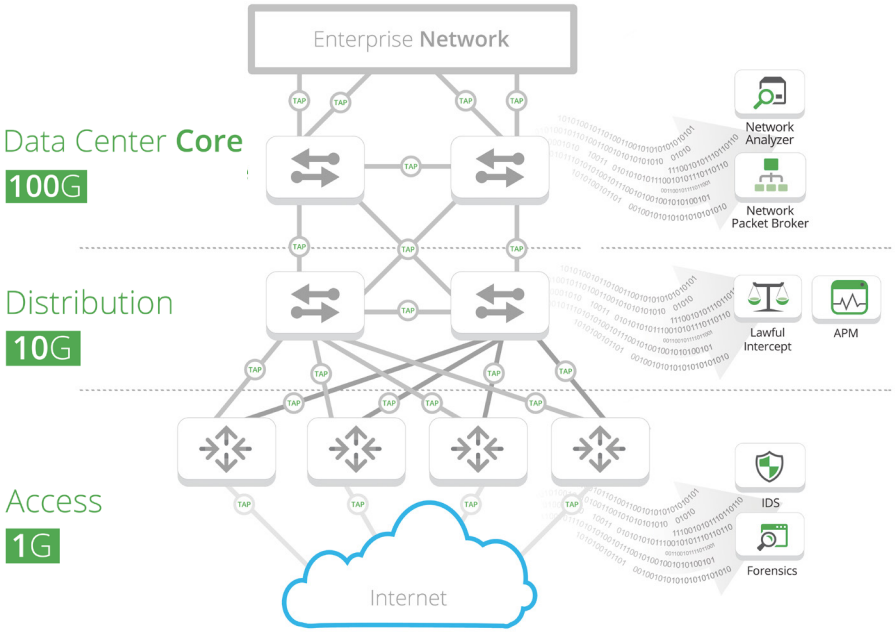
* Custom split ratios are available in 60/40, 80/20 or 90/10, please inquire.

Additional Specifications

Single mode
Fiber Type: Corning 9/125 micron
Directivity: ≥50dB
Temperature: -40 to +85C
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



Insertion Loss

Split Ratio*	Network Port	Monitor Port
50/50	3.7dB	3.7dB
60/40	2.8dB	4.8dB
70/30	2.0dB	6.1dB
80/20	1.3dB	8.0dB
90/10	0.8dB	12.0dB

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