GARLAND TECHNOLOGY
See every bit, byte, and packet®

big switch networks

10G DATASHEET

High Density 1G/10G Passive Fiber TAPs

Multi-mode | Breakout Network TAPs

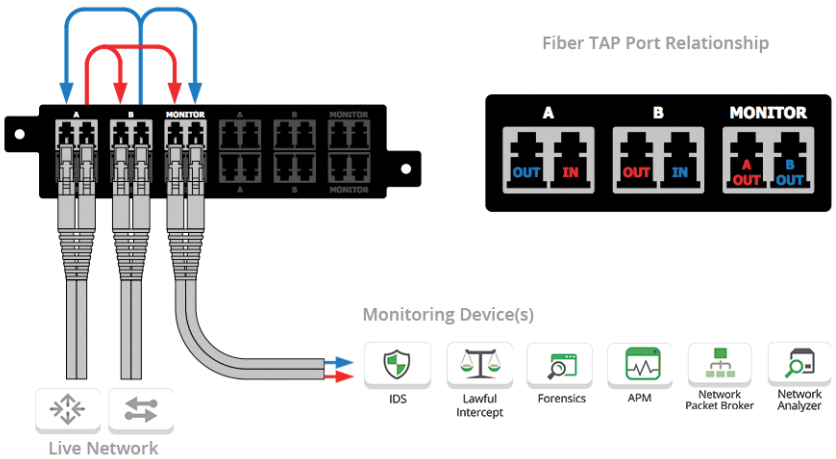
Garland Technology's high density Fiber network TAPs feature an unique and cost-saving solution offering more functionality with less rack space.

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

Key Features

- Tested and certified by Big Switch Networks
- Exclusive Network TAP vendor of Big Switch Networks
- 100% network visibility
- 100% secure and invisible; no IP address; no Mac address; cannot be hacked
- Multimode passive optical for up to 10Gb Ethernet
- Passes physical layer errors
- Supports Breakout Mode
- 1U chassis holds 28 or 56 TAPs - 56 TAP units are populated front and back
- Plug & Play easy installation, no configuration; no additional power source required

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.
- Highest density in industry with 28 or 56 TAPs
- Made, tested and certified in the USA

TESTED CERTIFIED GUARANTEED

Have Questions?

sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com

High Density 1G/10G Passive Fiber TAPs

Multi-mode | Breakout Network TAPs

Model #	Network Speed	Chassis Size	# of TAPs	Split Ratio*	Wavelengths	Media	Connnector/Mode
OM15028	Up to 10G	Chassis 1U	28	50/50	850/1300nm	Fiber-OM1	Fiber-LC Multi-mode Fiber
OM17028	Up to 10G	Chassis 1U	28	70/30	850/1300nm	Fiber-OM1	Fiber-LC Multi-mode Fiber
OM35028	Up to 10G	Chassis 1U	28	50/50	850/1300nm	Fiber-OM3	Fiber-LC Multi-mode Fiber
OM45028	Up to 10G	Chassis 1U	28	50/50	850nm	Fiber-OM3/OM4	Fiber-LC Multi-mode Fiber
OM47028	Up to 10G	Chassis 1U	28	70/30	850nm	Fiber-OM3/OM4	Fiber-LC Multi-mode Fiber
OM15056	Up to 10G	Chassis 1U	56	50/50	850/1300nm	Fiber-OM1	Fiber-LC Multi-mode Fiber
OM17056	Up to 10G	Chassis 1U	56	70/30	850/1300nm	Fiber-OM1	Fiber-LC Multi-mode Fiber
OM35056	Up to 10G	Chassis 1U	56	50/50	850/1300nm	Fiber-OM3	Fiber-LC Multi-mode Fiber
OM45056	Up to 10G	Chassis 1U	56	50/50	850nm	Fiber-OM3/OM4	Fiber-LC Multi-mode Fiber
OM47056	Up to 10G	Chassis 1U	56	70/30	850nm	Fiber-OM4/OM4	Fiber-LC Multi-mode Fiber

*Custom split ratios are available in 60/40, 80/20, 90/10, please inquire. *56 1U Fiber TAPs are populated front and back.

Additional Specifications

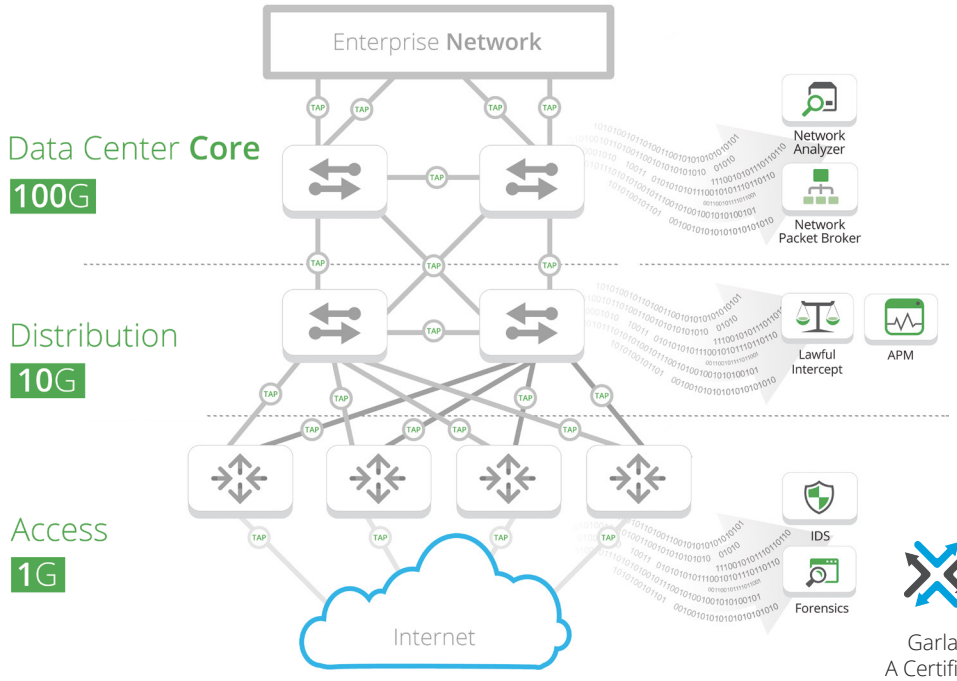
Multi-mode
Fiber Type:
OM1 Models: Multi-Mode 62.5 micron OM1
OM3 Models: Multi-Mode 50 micron OM3
OM4 Clearcurve BIF 900um buffer
Directivity: ≥40dB
Temperature: -40 to +85C
Packaging: Stainless steel tube, 3.05mm (dia) x 55mm (len)

Additional
Dimensions: 17.32" x 1.72" x 13.42" (439.93mm x 43.69mm x 340.87mm)
Weight: x28 - 4.5 lbs (2.04 kg); x56 - 6.5 lbs (2.95 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

Insertion Loss

Split Ratio*	Network Port	Monitor Port
50/50	4.5dB	4.5dB
60/40	3.1dB	5.1dB
70/30	2.4dB	6.3dB
80/20	1.8dB	8.1dB
90/10	1.3dB	11.5dB

Use Case



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