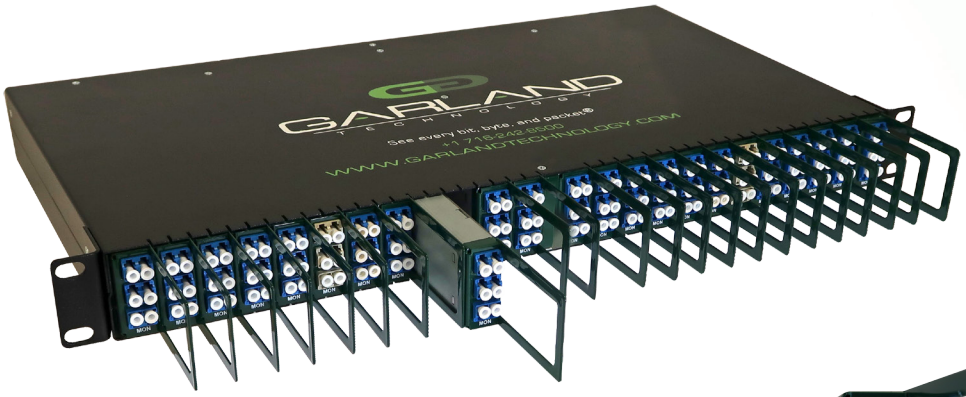
GARLAND TECHNOLOGY
See every bit, byte, and packet®

1G 10G 40G 100G
DATA SHEET

High Density 1U Data Center Solution - 1G/10G/40G/100G

Passive Fiber Modular Chassis



Network test access points (TAPs) are hardware tools that allow you to access and monitor your network. The passive fiber modular chassis system supports 1G, 10G, 40G and 100G network speeds.

This high density and high performance monitoring solution accommodates growing data center and enterprise needs for 100G Ethernet networks. The passive fiber modular chassis system features a scalable design allowing you to meet the demands of the network today and tomorrow, while supporting the investment in existing monitoring tools.

Key Features

Chassis supports: 1G/10G/40G/100G network speeds

Accomodates 16 to 24 network TAP modules, based on configuration

(24 LC TAP Modules, 16 MPO/MTP® TAP Modules, 16 BiDi LC TAP Modules)

- Durable, all steel construction for chassis and TAP network modules
- No power, no heat, no IP address, no MAC address - 100% passive
- Customize network TAPs to your networks needs
- Change network TAP modes on-the-fly or in the future
- Mix and match modules by media and/or speeds
- Supports **single-mode**: OS1/OS2 and **multi-mode**: OM3/OM4 media for long range and short range environments
- Supports Cisco BiDirectional optical technology
- Supports split ratios of: 90/10, 80/20, 50/50, 70/30, 60/40
- Designed, manufactured and supported in the United States
- Tested and Certified

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 — Network Packet Broker
- DPI — Deep Packet Inspection
- Network Analyzer — Network Analyzer
- Forensics — Forensics

TECHNOLOGY PARTNERS:

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

riverbed · cisco Solution Partner · bigswitch networks · NETFORT · data⊕ap · performance vision · savvius · Flowmon · Gearbit

Competitive Edge

- Supports OS1/ OS2, OM1/OM2 and OM3/OM4 Media
- New prism based technology reduces bit errors on OM3/OM4 applications, providing 100% utilization
- Tested and Certified

TESTED CERTIFIED GUARANTEED

Have Questions?

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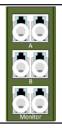
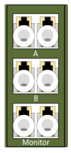
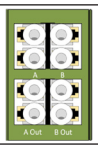
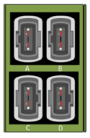
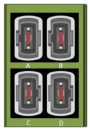
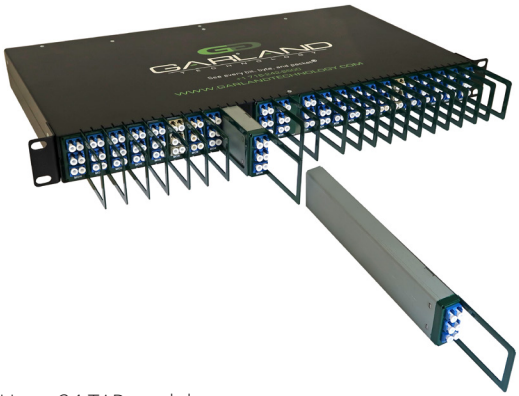
Chassis options							
Model #	**Network Speed**	**Ports**	**# of TAPs**	**Split Ratio***	**Wavelengths**	**Media**	**Connector/Mode**
FMC-1U	Fiber Modular Chassis						
OS2501M	Up to 100G		1	50/50	1310/1550nm	Fiber-OS1/OS2	Fiber-LC Single-Mode Fiber
OS2701M	Up to 100G		1	70/30	1310/1550nm	Fiber-OS1/OS2	Fiber-LC Single-Mode Fiber
OM1501M	Up to 10G		1	50/50	850/1300nm	Fiber-OM1/OM2	Fiber-LC Multi-Mode Fiber
OM1701M	Up to 10G		1	70/30	850/1300nm	Fiber-OM1/OM2	Fiber-LC Multi-Mode Fiber
OM4501M	Up to 10G		1	50/50	850nm	Fiber-OM3/OM4	Fiber-LC Multi-Mode Fiber
OM4701M	Up to 10G		1	70/30	850nm	Fiber-OM3/OM4	Fiber-LC Multi-Mode Fiber
OM4501-40GSR4BiDiM	Up to 40G		1	50/50	800-950nm	Fiber-OM3/OM4	Fiber-LC Multi-Mode Fiber
OM4701-40GSR4BiDiM	Up to 40G		1	70/30	800-950nm	Fiber-OM3/OM4	Fiber-LC Multi-Mode Fiber
OM4501-40GSR4BM	Up to 40G		1	50/50	850nm	Fiber-OM3/OM4	MTP-12 Multi-Mode Fiber
OM4701-40GSR4BM	Up to 40G		1	70/30	850nm	Fiber-OM3/OM4	MTP-12 Multi-Mode Fiber
OM4501-100GSR4BM	Up to 100G		1	50/50	850nm	Fiber-OM3/OM4	MTP-12 Multi-Mode Fiber
OM4701-100GSR4BM	Up to 100G		1	70/30	850nm	Fiber-OM3/OM4	MTP-12 Multi-Mode Fiber
OM4501-100GSR10AM	Up to 100G		1	50/50	850nm	Fiber-OM3/OM4	MTP-24 Multi-Mode Fiber
OM4701-100GSR10AM	Up to 100G		1	70/30	850nm	Fiber-OM3/OM4	MTP-24 Multi-Mode Fiber

OS2 Fiber supports OS1 & OS2; OM1 Fiber supports OM1 & OM2;
OM4 Fiber supports OM3 & OM4
*Supports: 90/10, 80/20, 50/50, 70/30, 60/40

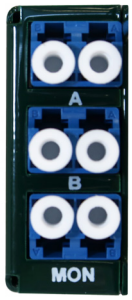
For additional information on dB loss: http://hubs.ly/H07xhB40

Dimensions (WxHxD): 17.40" x 1.75" x 13.45" (441.96mm x 44.45mm x 341.63mm)
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



- Up to 24 TAP modules
- Scalable design, populate TAP modules as needed

- No power, no heat, no fans - 100% passive
- Durable steel construction on chassis and TAP modules



- Easy access to monitoring port links

- Easy and accurate alignment with guide pin and magnet

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