GARLAND TECHNOLOGY
See every bit, byte, and packet®

big switch networks

100G DATASHEET

# Multi-mode 100G-SR10 Passive Fiber TAPs

## Multi-mode | Breakout Network TAPs

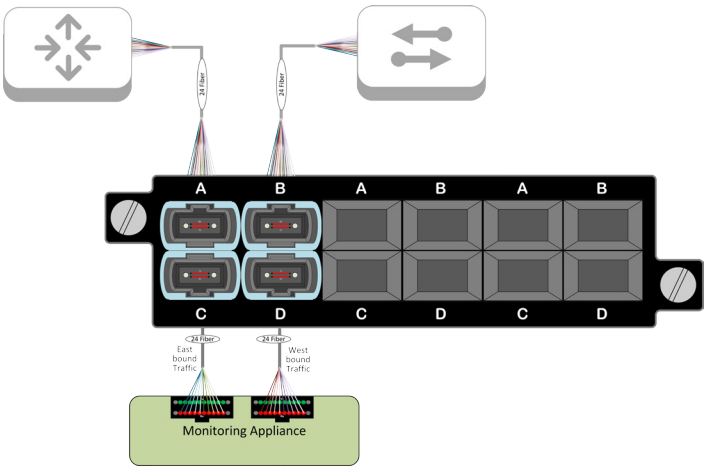

Network test access points (TAPs) are hardware tools that allow you to monitor your network. All fiber breakout TAPs are passive, purpose-built hardware devices that make a 100% copy of your network's data allowing your monitoring tools to see every bit, byte and packet.®

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

- 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
- Features MTP®brand connections for lowest dB loss per connector
- 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
- Plug & Play easy installation, no configuration; no 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.
- Features MTP®brand connections for lowest dB loss per connector.
- Made, tested and certified in the USA

TESTED CERTIFIED GUARANTEED

## Have Questions?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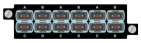
# **Multi-mode 100G-SR10** Passive Fiber TAPs

Modular | Multi-mode | Breakout Network TAPs

| Model # | Network Speed | Ports | # of TAPs | Split Ratio* | Wavelengths | Media | Connnector/Mode |
|---|---|---|---|---|---|---|---|
| **OM4501-100GSR10A** | 100G |  | 1 | 50/50 | 850nm | Fiber-OM3/OM4 | MTP-24 Multi-mode Fiber |
| **OM4702-100GSR10A** | 100G |  | 2 | 70/30 | 850nm | Fiber-OM3/OM4 | MTP-24 Multi-mode Fiber |
| **OM4503-100GSR10A** | 100G |  | 3 | 50/50 | 850nm | Fiber-OM3/OM4 | MTP-24 Multi-mode Fiber |
| **OM4701-100GSR10A** | 100G |  | 1 | 70/30 | 850nm | Fiber-OM3/OM4 | MTP-24 Multi-mode Fiber |
| **OM4502-100GSR10A** | 100G |  | 2 | 50/50 | 850nm | Fiber-OM3/OM4 | MTP-24 Multi-mode Fiber |
| **OM4703-100GSR10A** | 100G |  | 3 | 70/30 | 850nm | Fiber-OM3/OM4 | MTP-24 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

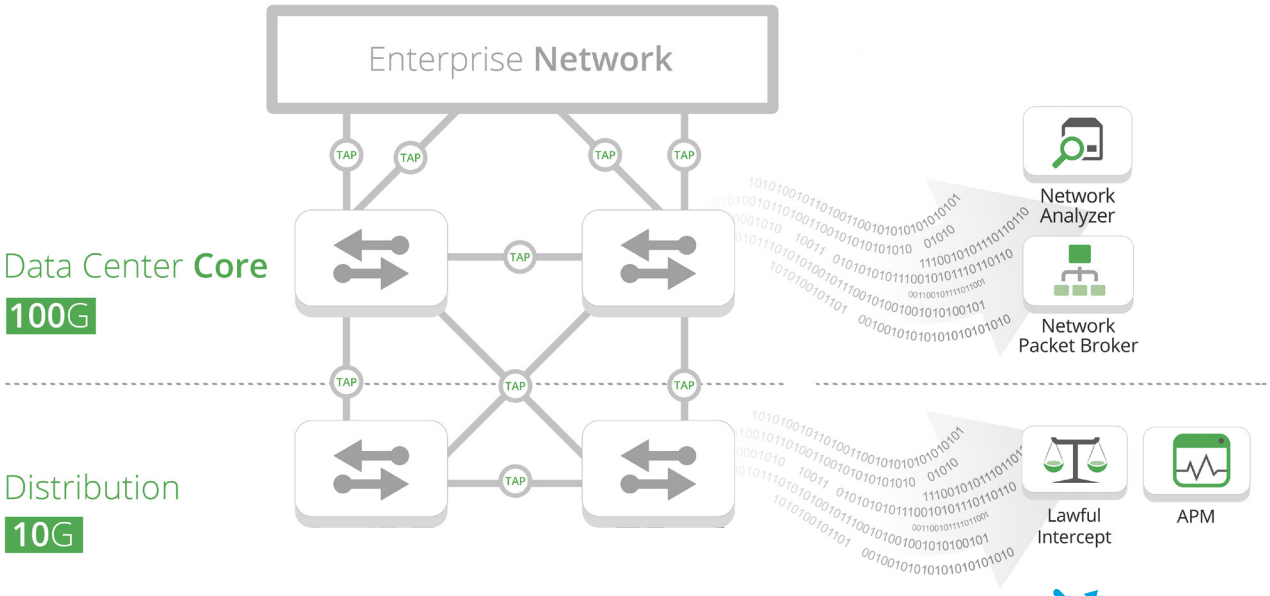
**Multi-mode**
**Fiber Type:** OM4 Clearcurve BIF 900um buffer
**Directivity:** ≥40dB
**Temperature:** -40 to +85C
**Packaging:** Stainless steel tube, 3.05mm (dia) x 55mm (len)

**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

### 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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