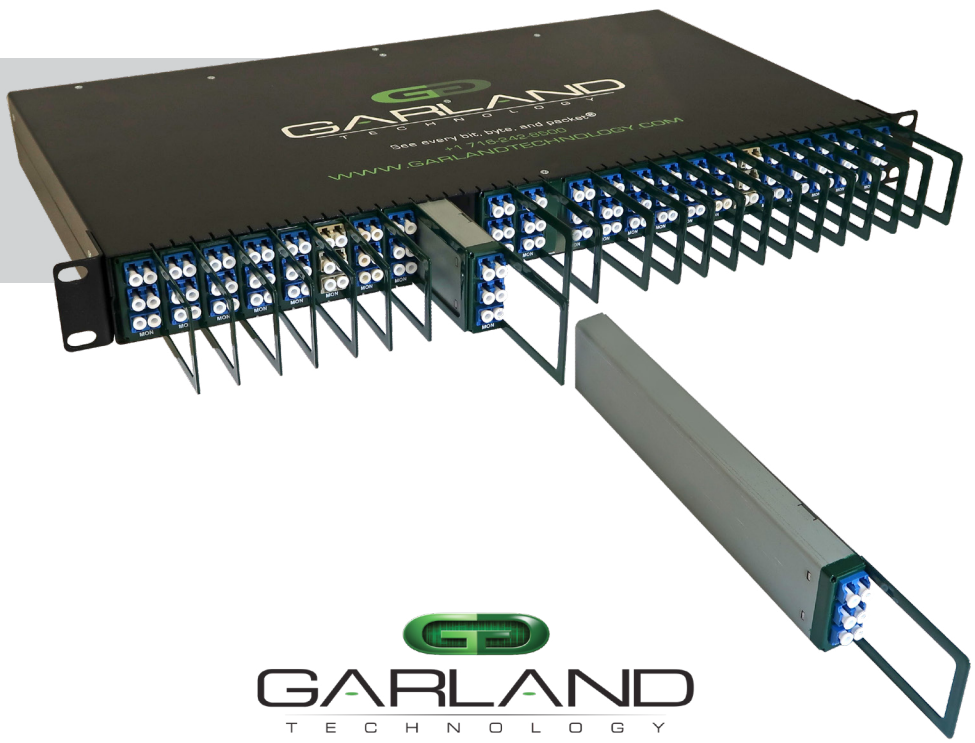
# **Install** Guide

## SelectTAP™: Fiber Modular Chassis v1.1

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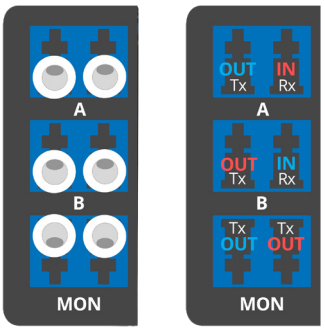
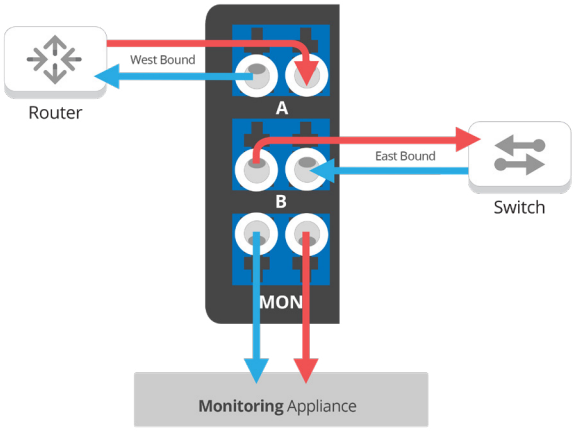
**Passive Fiber Modular Chassis Module Options:**
- 1G,10G, 25G, 40G,100G Single-mode Fiber TAPs
- 1G,10G, 25G, 40G,100G Multi-mode Fiber TAPs
- 40G and 100G Multi-mode MTP-12 SR4 and 100G Multi-mode MTP-24 SR10 TAPs
- 40G and 100G BiDi | Supports Cisco BiDirectional Optical Technology

## Module Options

### 1G/10G/25G/40G/100G SIngle-mode Fiber TAPs

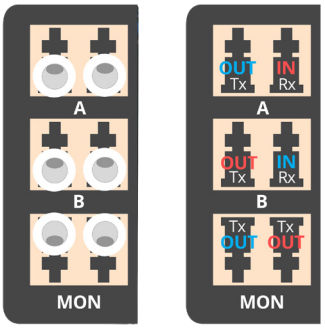


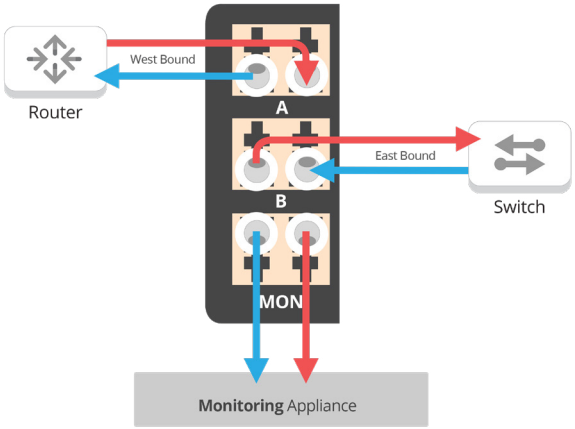




- LC Single-mode LR (long range) and ER (extended range) fiber will support: 1G-LX, 10G-LR, 40G-LR4, 40G-ER4, and 100G-LR4

**Dimensions:**
Module: 1.627 H x 0.707 W x 8.125 L
Handle: an additional 2.25 inches

### 1G/10G/25G/40G/100G Multi-mode Fiber TAPs




- OM5 technology supports OM3 + OM4, with higher performance and less dB loss
- 100% utilization with new prism based fiber splitters
- LC multi-mode fiber support supports 1G-SX and 10G-SR

**Dimensions:**
Module: 1.627 H x 0.707 W x 8.125 L
Handle: an additional 2.25 inches

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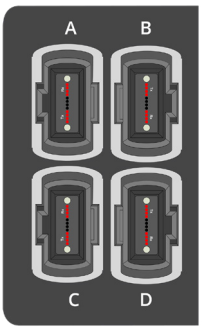
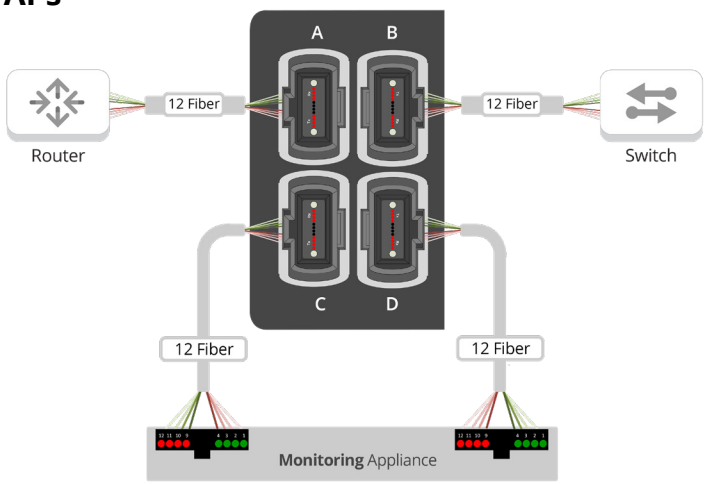
## 40G and 100G Multi-mode MTP-12 SR4 TAPs

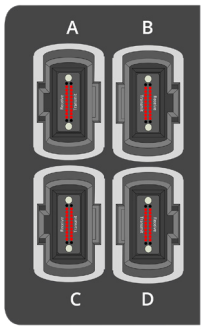


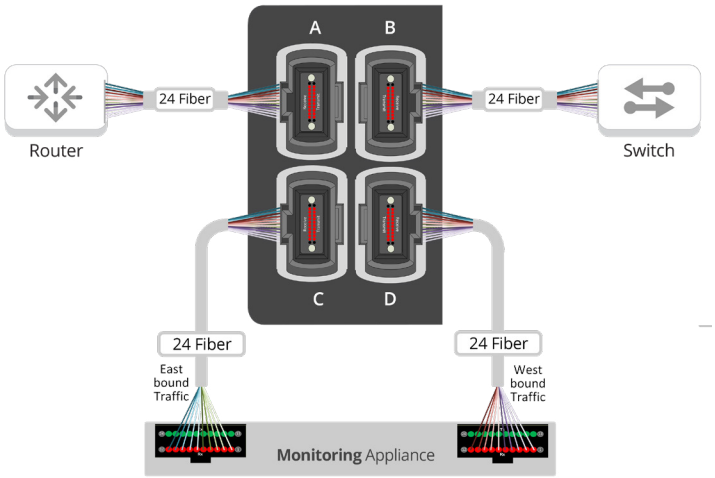




- Supports 100G-SR4 and 40G-SR4
- MTP® brand connectors have the lowest dB loss per connector
- OM4 technology supports OM3 + OM4, with higher performance & less dB loss
- 100% utilization with new prism based fiber splitters

**Dimensions:**
Module: 1.627 H x 1.035 W x 8.125 L
Handle: an additional 2.25 inches

## 100G Multi-mode MTP-24 SR10 TAPs




- Supports 100G-SR10
- MTP® brand connectors have the lowest dB loss per connector
- OM4 technology supports OM3 + OM4, with higher performance & less dB loss
- 100% utilization with new prism based fiber splitters

**Dimensions:**
Module: 1.627 H x 1.035 W x 8.125 L
Handle: an additional 2.25 inches

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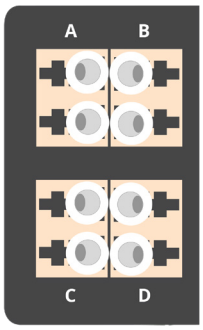
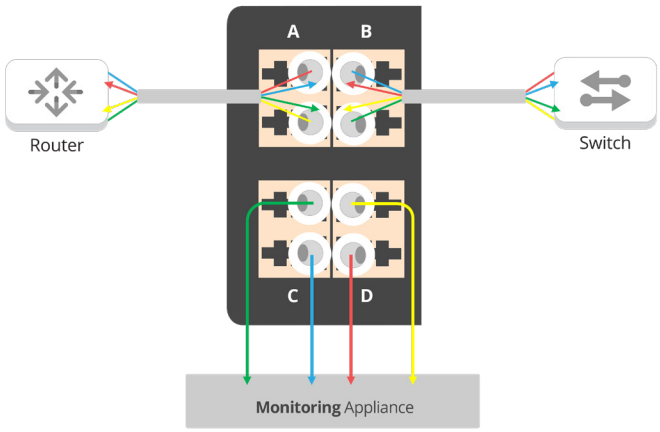
## 40G/100G BiDi | Supports Cisco BiDirectional Optical Technology




- OM5 technology supports OM3 + OM4, with higher performance & less dB loss
- 100% utilization with new prism based fiber splitters

**Dimensions:**
Module: 1.627 H x 1.035 W x 8.125 L
Handle: an additional 2.25 inches

## Installation

**Cabling:**

- **Port A** is a full-duplex fiber tap port that should be connected to one of the two network devices where network monitoring is desired.
- **Port B** is a full-duplex fiber tap port that should be connected to the other side or adjacent network device where network monitoring is desired.
- **MONITOR port** is a dual-simplex directional port (both sides are output only) which should be connected to the input or receive only side of two interfaces of any monitoring device(s) that will collect the tapped traffic.

- **Breakout/TAP mode:** Separates data flows for half-duplex directional monitoring. Ideal when utilization is very high and packet loss is not an option.
- **Link Failure Propagation:** Allows link state to be mirrored to adjacent live network interfaces. When one side of a network loses link on a connecting fiber tap, the link state is propagated to the other interface of the tap and ultimately to the other side of the network.
- **Passive:** A powerless device. Live network tap ports maintain link with each other, continuing traffic flow between critical network devices.