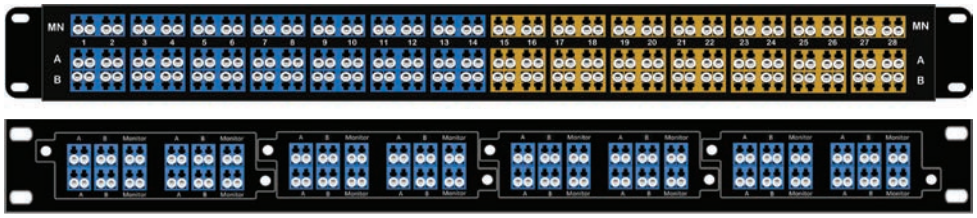
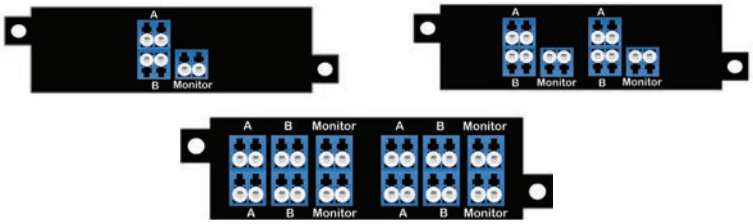
PASSIVE FIBER NETWORK TAPS
1G, 10G, 40G, 100G, OC3 - OC192
UP TO 56 TAPS IN A 1U CHASSIS





Passive Fiber Network TAP

Passive Fiber TAPs provides 100% visibility to all fiber networks including 100M, 1Gigabit, 10Gigabit, 40Gigabit, 100Gigabit, OC3, OC12, OC48, and OC192 networks. Garland Technology's unique design provides you the flexibility to TAP once when matching the fiber type supporting multiple wavelengths as well as network speeds. This allows you to buy a multi-mode tap that supports 1Gigabit and 10Gigabit or buy a single mode tap that supports 1Gigabit, 10Gigabit, 40Gigabit, and 100Gigabit. Install the TAP once and never have to upgrade again unless you change the fiber type.

- This is a Real TAP providing 100% Visibility, not a SPAN Port TAP
- Security – NO IP Address, NO MAC Address, NO Hacking the Network
- No need for a SPAN Port when you can have Real Network Access with a Garland TAP
  - SPAN Port Limitations
    - Drop packets due to over-subscription and limited memory
    - Will not pass errored frames
    - SPAN ports can be misconfigured
    - Network switches have limited SPAN ports

Key Features

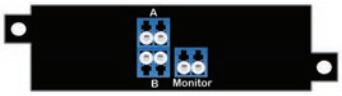
- Supports all of your density requirements
  - 1U Rack Shelf holds up to 16 TAPs
  - TAP Module can have 1, 2 or 4 TAPs
  - 1U Rack Shelf holds 4 TAP Modules
- Highest Design LC Fiber TAP in the Industry
  - 28 TAPs in a 1U Chassis
  - 56 TAPs in a 1U Chassis
  - Unique Design makes it easy to install LC Cables
- Multi-mode 62.5micron OM1
- Multi-mode 50micron OM3 & OM4
- Single Mode 9micron OS1 & OS2
- 100M, 1Gigabit, 10Gigabit, 40Gigabit, 100Gigabit
- OC3, OC12, OC48, OC192
- Split Ratio: 50:50, 60:40, 70:30, 80:20, 90:10
- Easy Installation Plug & Play
- Completely Passive No Power
- Secure – No IP, No MAC, No Hacking
- Designed, Manufactured, Tested, and Supported in the USA
- Every TAP is Tested and Certified in Manufacturing Process

MADE IN THE U.S.A. WITH PRIDE

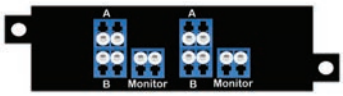
WWW.GARLANDTECHNOLOGY.COM

BUFFALO NEW YORK
GARLAND TEXAS
+1 716.242.8500

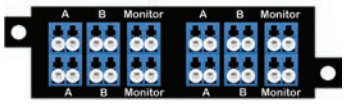
Ordering Information:



OM1501 Fiber Single TAP: Multi-Mode Fiber 62.5 micron OM1, 850/1300nm dual wavelengths, 50/50, LC
OM1701 Fiber Single TAP: Multi-Mode Fiber 62.5 micron OM1, 850/1300nm dual wavelengths, 70/30, LC
OM3501 Fiber Single TAP: Multi-Mode Fiber 50 micron OM3, 850/1300nm dual wavelengths, 50/50, LC
OM3701 Fiber Single TAP: Multi-Mode Fiber 50 micron OM3, 850/1300nm dual wavelengths, 70/30, LC
OS1501 Fiber Single TAP: Single-Mode Fiber 9 micron OS1, 1310/1550nm dual wavelengths, 50/50, LC
OS1701 Fiber Single TAP: Single-Mode Fiber 9 micron OS1, 1310/1550nm dual wavelengths, 70/30, LC

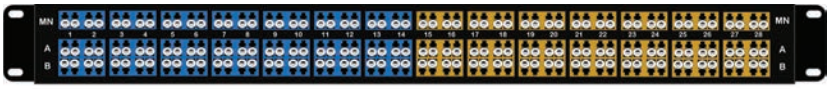


OM1502 Fiber Dual TAP: Multi-Mode Fiber 62.5 micron OM1, 850/1300nm dual wavelengths, 50/50, LC
OM1702 Fiber Dual TAP: Multi-Mode Fiber 62.5 micron OM1, 850/1300nm dual wavelengths, 70/30, LC
OM3502 Fiber Dual TAP: Multi-Mode Fiber 50 micron OM3, 850/1300nm dual wavelengths, 50/50, LC
OM3702 Fiber Dual TAP: Multi-Mode Fiber 50 micron OM3, 850/1300nm dual wavelengths, 70/30, LC
OS1502 Fiber Dual TAP: Single-Mode Fiber 9 micron OS1, 1310/1550nm dual wavelengths, 50/50, LC
OS1702 Fiber Dual TAP: Single-Mode Fiber 9 micron OS1, 1310/1550nm dual wavelengths, 70/30, LC



OM1504 Fiber Quad TAP: Multi-Mode Fiber 62.5 micron OM1, 850/1300nm dual wavelengths, 50/50, LC
OM1704 Fiber Quad TAP: Multi-Mode Fiber 62.5 micron OM1, 850/1300nm dual wavelengths, 70/30, LC
OM3504 Fiber Quad TAP: Multi-Mode Fiber 50 micron OM3, 850/1300nm dual wavelengths, 50/50, LC
OM3704 Fiber Quad TAP: Multi-Mode Fiber 50 micron OM3, 850/1300nm dual wavelengths, 70/30, LC
OS1504 Fiber Quad TAP: Single-Mode Fiber 9 micron OS1, 1310/1550nm dual wavelengths, 50/50, LC
OS1704 Fiber Quad TAP: Single-Mode Fiber 9 micron OS1, 1310/1550nm dual wavelengths, 70/30, LC

RMP-1U Rack Mount Plate: 1U holds up to 4 Portable TAPs



OM15028 1U Integrated Fiber 28 TAPs: Multi-Mode Fiber 62.5 micron OM1, 850/1300nm dual wavelengths, 50/50, LC
OM17028 1U Integrated Fiber 28 TAPs: Multi-Mode Fiber 62.5 micron OM1, 850/1300nm dual wavelengths, 70/30, LC
OM35028 1U Integrated Fiber 28 TAPs: Multi-Mode Fiber 50 micron OM3, 850/1300nm dual wavelengths, 50/50, LC
OM37028 1U Integrated Fiber 28 TAPs: Multi-Mode Fiber 50 micron OM3, 850/1300nm dual wavelengths, 70/30, LC
OS15028 1U Integrated Fiber 28 TAPs: Single-Mode Fiber 9 micron OS1, 1310/1550nm dual wavelengths, 50/50, LC
OS17028 1U Integrated Fiber 28 TAPs: Single-Mode Fiber 9 micron OS1, 1310/1550nm dual wavelengths, 70/30,LC


FRONT VIEW


BACK VIEW

OM15056 1U Integrated Fiber 56 TAPs: Multi-Mode Fiber 62.5 micron OM1, 850/1300nm dual wavelengths, 50/50, LC
OM17056 1U Integrated Fiber 56 TAPs: Multi-Mode Fiber 62.5 micron OM1, 850/1300nm dual wavelengths, 70/30, LC
OM35056 1U Integrated Fiber 56 TAPs: Multi-Mode Fiber 50 micron OM3, 850/1300nm dual wavelengths, 50/50, LC
OM37056 1U Integrated Fiber 56 TAPs: Multi-Mode Fiber 50 micron OM3, 850/1300nm dual wavelengths, 70/30, LC
OS15056 1U Integrated Fiber 56 TAPs: Single-Mode Fiber 9 micron OS1, 1310/1550nm dual wavelengths, 50/50, LC
OS17056 1U Integrated Fiber 56 TAPs: Single-Mode Fiber 9 micron OS1, 1310/1550nm dual wavelengths, 70/30,LC

SPLIT RATIOS ARE ALSO AVAILABLE IN 60:40, 80:20, 90:10 OR CUSTOM RATIOS, CONTACT YOUR SALES MANAGER.

Part Number Scheme:

Passive Fiber TAP w / LC Connectors Part Number Scheme

Defines type of fiber	Defines Split Ratio	Defines # of TAPs
- OM1	- 50 = 50:50	- 1 = 1 TAP
- OM3	- 60 = 60:40	- 2 = 2 TAPs
- OM4	- 70 = 70:30	- 4 = 4 TAPs
- OS1	- 80 = 80:20	- 28 = 28 TAPs
- OS2	- 90 = 90:10	- 56 = 56 TAPs

Fiber Specifications:

Multi-mode Fiber TAPs

Fiber Type:	Corning 62.5/125micron Corning 50/125micron	
Wavelength:	850/1300 nanometers	
Connectors:	LC	
Split Ratio	Network Port Insertion Loss	Monitor Port Insertion Loss
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
Directivity:	≥ 40dB	
Operating Temperature:	-40°C to +85°C	

Single Mode Fiber TAPs

Fiber Type:	Corning 9/125micron	
Wavelength:	1310/1550 nanometers	
Connectors:	LC	
Split Ratio	Network Port Insertion Loss	Monitor Port Insertion Loss
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
Directivity:	≥ 50dB	
Operating Temperature:	-40°C to +85°C	

How the TAP Works: