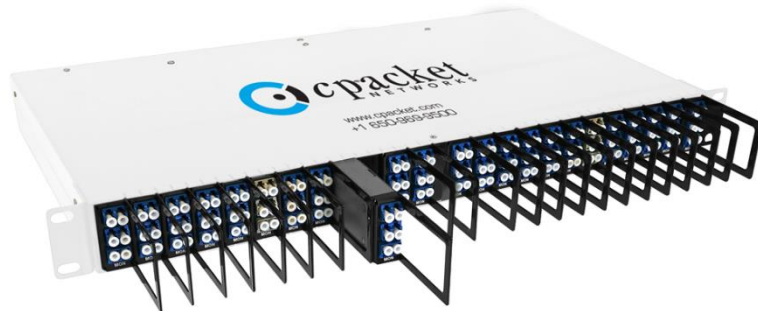


## cPacket cTAP Network Test Access Points

Cost-effective Fixed and Modular Passive Network TAPs for Monitoring to 100Gbps

Network test access points (TAPs) instrument your core network to access and monitor your network and traffic. The cPacket cTAP passive TAPs support high-speed and high-density network monitoring of enterprise networks that operate at data rates from 100 Mbps to 100 Gbps. They are used to passively acquire network packets in data centers and other physical networks without disrupting the network and its performance or introducing security vulnerabilities. Fixed and modular chassis are available to meet current needs and scale with growth. Regeneration Fiber TAPs are available to tap fiber optic networks and mitigate the power reduction from splitting the optical signal.

### cTAP Modular Fiber Chassis System



The modular chassis system for passive fiber TAPs is scalable, so you can rightsize the number of modules to meet current demand and scale as needed while preserving your connections and investment in existing monitoring tools.

Key features of the modular fiber chassis system:

- 1Gbps, 10Gbps, 25Gbps 40Gbps, 100Gbps and 400Gbps network data rates
- 16 to 24 network TAP modules, based on configurations (i.e., 24 LC TAP Modules, 16 MPO/MTP TAP Modules, 16 BiDi LC TAP Modules)
- Change network TAP modes on-the-fly
- Mix and match modules by media and data rates
- Supports single-mode: OS1/OS2 and multi-mode: OM3/OM4/OM5 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
- Durable, all-steel construction for chassis and TAP network modules

### cTAP Fixed Multi-Port TAPs

Fixed chassis multi-port passive monitoring TAP appliances are easy to deploy, lightweight, and cost-effective. Options are available for:

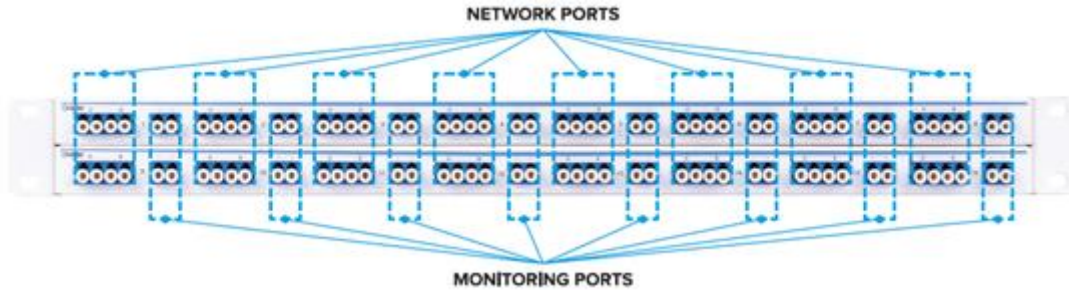
- Full duplex links at rates of 100 Mbps, 1 Gbps, 10 Gbps, 40 Gbps, 100 Gbps
- Multi-mode (MM) and single-mode (SM) optical fiber types, with optical split-ratios of 90/10, 80/20, 70/30, 60/40, and 50/50

### Use cTAP Network Test Access Points to:

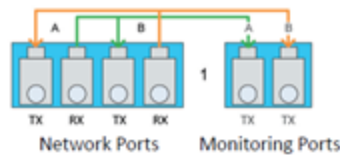
- Passively acquire network packets, without having to deal with power, heat, or IP/MAC addresses
- Connect to all physical cPacket Visibility Fabric appliances (i.e., cVu® Network Packet Broker+ and cStor® Packet Capture appliances)
- Rightsize network packet acquisition using modular TAPs for your current and future needs; just add more modules when needed
- Acquire packets from varied media by using the appropriate modules for specific media and data rates

### cTAP-0824-SM-MM and cTAP-1648-SM/MM for Links from 100Mbps to 100Gbps

As shown below, the cTAP-0824-SM-MM and cTAP-1648-SM/MM provide monitoring access to eight and sixteen full-duplex links at data rates from 100Mbps to 100Gbps.

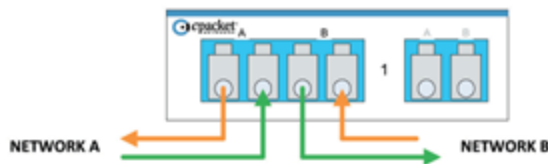


Looking at the diagram below, traffic received on port A is passively duplicated on the port-B transmit port and the port-A monitoring port. In the B to A direction, traffic received on the port-B receive port is passively duplicated on the port-A transmit port and the port-B receive port.

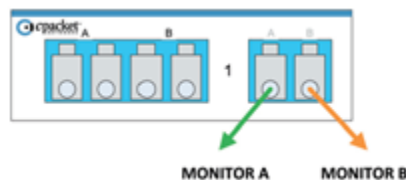


### Network and Monitor Port Connectivity

Connecting this cTAP device to the network requires connecting network A to port A and network B to port B for each segment with the traffic flow in the directions shown in the following diagram. Following standard fiber transceiver connections, from the perspective of the TAP, the left LC connector is transmit, and the right LC connector is receive.

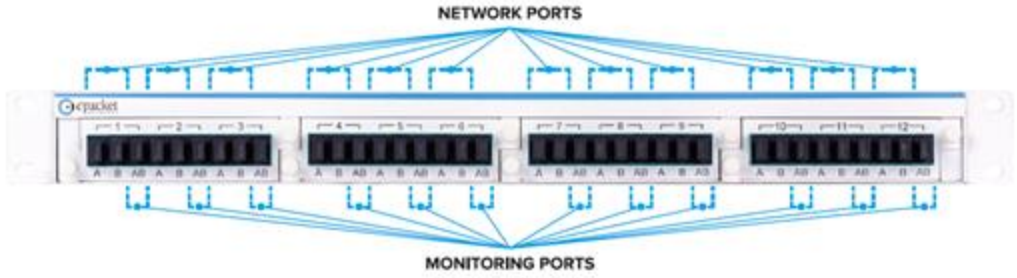


Each monitor port relays traffic from one of the network ports; traffic received on network port A is transmitted out via the monitor port A, and traffic received on network port B is transmitted out via the monitor port B, as shown in the following diagram.



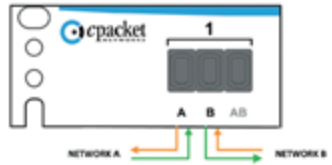
### cTAP-1236-MTP-MM/SM for 40 Gbps Links

Each cTAP-1236-MTP-MM/SM device provides monitoring access to twelve full-duplex links at the data rate of 40Gbps.

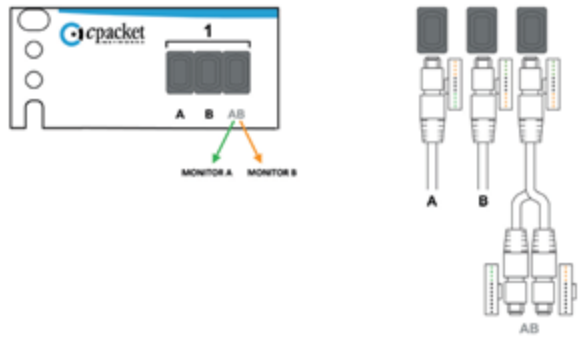


### Network and Monitor Port Connectivity

Connecting this cTAP device to the network requires connecting network A to port A and network B to port B for each segment with the traffic flow in the directions shown in the following diagram.



Each monitor port relays traffic from one of the network ports; traffic received on network port A and B is transmitted out via the monitor port AB using a Y cable. The use of the AB monitor port along with the Y is shown in the following diagram.

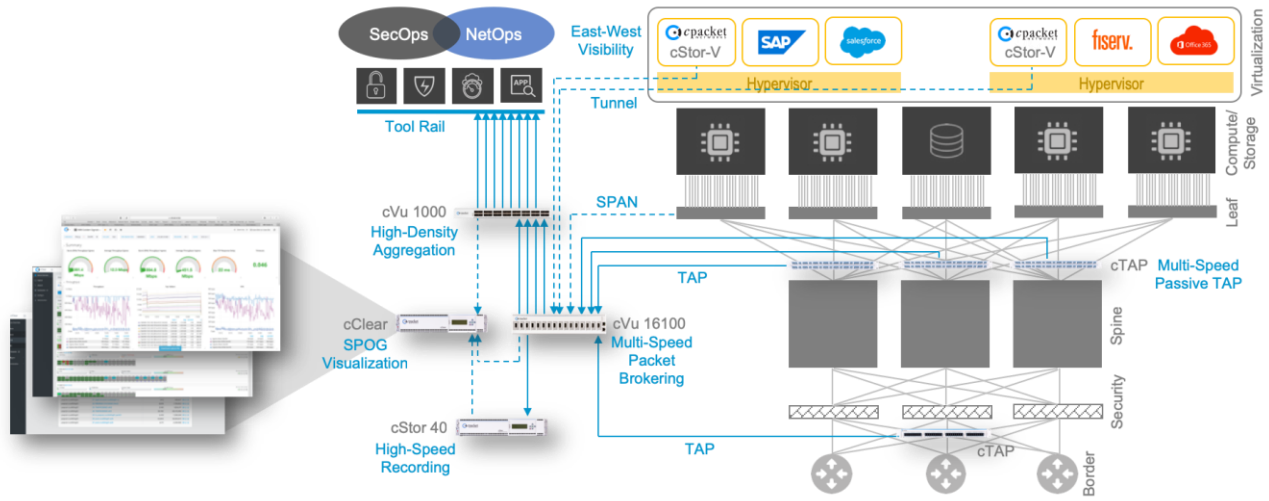


# Deployment Options

The cPacket Visibility Fabric provides streamed and stored network packets to provide the entire IT team and the analytics and tools they use with visibility and packets needed to ensure their network's secure and optimal operation.

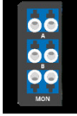
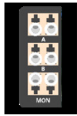
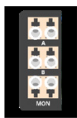
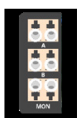

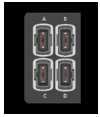
The Network Operations team easily deploys the TAPs to monitor network traffic at strategic vantage points (e.g., critical network links such as north-south ingress/egress connections, specific east-west connections, etc.).

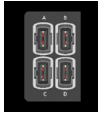
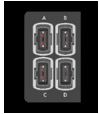
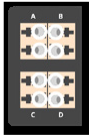
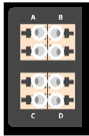

The following high-level diagram shows where a network can be instrumented with cTAP Network Test Access Points to gain visibility and access packets for brokering, storage, and analysis. Also shown is integration with other components of the cPacket Networks Intelligent Observability Platform Visibility Fabric, including packet brokering, packet capture, analytics, and dashboards.



# Technical Specifications

## Fiber Modular TAP Chassis and Module Options and Specifications




Model	Network Speed	Ports	TAPs	Split Ratio	Wavelengths	Media	Connector /Mode
CP_FMC-1U	Fiber Modular Chassis						
<b>Passive TAP Modules (for use with CP_FMC-1U chassis)</b>							
CP_OS2501M	1/10/25/40/100G		1	50/50	1290/1330nm 1530/1570nm	Fiber-OS1/OS2	Fiber-LC Single-Mode
CP_OS2601M				60/40			
CP_OS2701M				70/30			
CP_OS2801M				80/20			
CP_OS2901M				90/10			
CP_OM1501M	1/10G		1	50/50	850/1300nm	Fiber-OM1/OM2	Fiber-LC Multi-Mode
CP_OM1601M				60/40			
CP_OM1701M				70/30			
CP_OM1801M				80/20			
CP_OM1901M				90/10			
CP_OM4501M	1/10/25G		1	50/50	850nm	Fiber-OM3/OM4	Fiber-LC Multi-Mode
CP_OM4601M				60/40			
CP_OM4701M				70/30			
CP_OM4801M				80/20			
CP_OM4901M				90/10			
CP_OM5501M	1/10/25/40/100G		1	50/50	850-950nm	Fiber-OM5*	Fiber-LC Multi-Mode
CP_OM5601M				60/40			
CP_OM5701M				70/30			
CP_OM5801M				80/20			
CP_OM5901M				90/10			
CP_OM4501-SR4BM	40/100G		1	50/50	850nm	Fiber-OM3/OM4	MTP-12 Multi-Mode
CP_OM4601-SR4BM				60/40			
CP_OM4701-SR4BM				70/30			
CP_OM4801-SR4BM				80/20			
CP_OM4901-SR4BM				90/10			
CP_OM5501-SR4BM	40/100/400G		1	50/50	850-950nm	Fiber-OM5*	MTP-12 Multi-Mode
CP_OM5601-SR4BM				60/40			
CP_OM5701-SR4BM				70/30			
CP_OM5801-SR4BM				80/20			
CP_OM5901-SR4BM				90/10			

CP_OM4501-100GSR10AM	100G		1	50/50	850nm	Fiber-OM3/OM4	MTP-24 Multi-Mode
CP_OM4601-100GSR10AM				60/40			
CP_OM4701-100GSR10AM				70/30			
CP_OM4801-100GSR10AM				80/20			
CP_OM4901-100GSR10AM				90/10			
CP_OM5501-100GSR10AM	100G		1	50/50	850-950nm	Fiber-OM5*	MTP-24 Multi-Mode
CP_OM5601-100GSR10AM				60/40			
CP_OM5701-100GSR10AM				70/30			
CP_OM5801-100GSR10AM				80/20			
CP_OM5901-100GSR10AM				90/10			
CP_OM4501-40GSRBiDiM	40G		1	50/50	850-950nm	Fiber-OM3/OM4	Fiber-LC Multi-Mode
CP_OM4601-40GSRBiDiM				60/40			
CP_OM4701-40GSRBiDiM				70/30			
CP_OM4801-40GSRBiDiM				80/20			
CP_OM4901-40GSRBiDiM				90/10			
CP_OM5501-SRBiDiM	40/100G		1	50/50	850-950nm	Fiber-OM5*	Fiber-LC Multi-Mode
CP_OM5601-SRBiDiM				60/40			
CP_OM5701-SRBiDiM				70/30			
CP_OM5801-SRBiDiM				80/20			
CP_OM5901-SRBiDiM				90/10			
CP_OS2502-BiDiM	1/10G		2	50/50	1270~1350nm 1450~1530nm 1510~1590nm	Fiber-OS1/OS2	Fiber-LC Single-Mode
CP_OS2504-BiDiM			4	50/50			
CP_OS2506-BiDiM			6	50/50			

\* OM5 Fiber supports OM3/OM4

## Regeneration Passive TAP Module Options and Specifications

Model	Network Speed	Ports	Network	Monitor	TAPs	Split Ratio	Wave-lengths	Media	Connector/ Mode
CP_FMC-1U	Fiber Modular Chassis								

Regeneration Passive TAP Modules (for use with CP_FMC-1U chassis)									
CP_OS23321X3M	1/10/25/40 /100G		1 LC	3 LC	1	33.3/33 .3/33.3	1310/15 50nm	Fiber- OS1/O S2	Fiber-LC Single- Mode
CP_OS43321X3M	1/10G		1 LC	3 LC	1	33.3/33 .3/33.3	850nm	Fiber- OM3/ OM4	Fiber-LC Multi- Mode
CP_OS53321X3M	1/10G		1 LC	3 LC	1	33.3/33 .3/33.3	850nm	Fiber- OM5*	Fiber-LC Multi- Mode

\* OM5 Fiber supports OM3/OM4

## Fixed and Modular TAP Chassis Mechanical Specifications

	Modular Chassis	Fixed Chassis		
	cTAP FMC-1U	cTAP 1236-MTP-MM/SM	cTAP 0824-MM/SM	cTAP 1648 MM/SM
Height	1.75 in (4.4 cm), 1RU	1.7 in (4.3 cm), 1RU	0.87 in (2.2 cm), ½ RU	0.87 in (2.2 cm), ½ RU
Width	17.4 in (44.2 cm), 1U	17.5 in (44.5 cm)	17.5 in (44.5 cm)	17.5 in (44.5 cm)
Depth	13.5 in (34.3 cm)	9.13 in (23.2 cm)	7.1 in (18.0 cm)	7.1 in (18.0 cm)
Weight	1.5 lbs. (0.7 kg)	8.1 lbs. (3.7 kg)	5.1 lbs. (2.3 kg)	9.8 lbs. (4.4 kg)
Operating Temperature	32F to 104F (0 to 40C)	32F to 104F (0 to 40C)	32F to 104F (0 to 40C)	32F to 104F (0 to 40C)
Operating Humidity	10 to 90%	10 to 90%	10 to 90%	10 to 90%

## Ordering Information

SKU	Description
<b>CP_FMC-1U</b>	cPacket cTap 1U Fiber Modular Chassis: 1U holds up to 24 LC TAP Modules, 16 MPO/MTP TAP Modules, 16 BiDi LC TAP Modules. Maintenance not included.

<b>CP_OS2501M</b>	cPacket cTap Modular Fiber Single Tap: Single-Mode Fiber 9 Micron OS1/OS2, 1290/1330nm and 1530/1570nm Wavelengths, 50/50. Maintenance not included.
<b>CP_OS2601M</b>	cPacket cTap Modular Fiber Single Tap: Single-Mode Fiber 9 Micron OS1/OS2, 1290/1330nm and 1530/1570nm Wavelengths, 60/40. Maintenance not included.
<b>CP_OS2701M</b>	cPacket cTap Modular Fiber Single Tap: Single-Mode Fiber 9 Micron OS1/OS2, 1290/1330nm and 1530/1570nm Wavelengths, 70/30. Maintenance not included.
<b>CP_OS2801M</b>	cPacket cTap Modular Fiber Single Tap: Single-Mode Fiber 9 Micron OS1/OS2, 1290/1330nm and 1530/1570nm Wavelengths, 80/20 * NCNR. Maintenance not included.
<b>CP_OS2901M</b>	cPacket cTap Modular Fiber Single Tap: Single-Mode Fiber 9 Micron OS1/OS2, 1290/1330nm and 1530/1570nm Wavelengths, 90/10 * NCNR. Maintenance not included.

<b>CP_OM1501M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 62.5 Micron OM1/OM2, 850/1300nm Wavelengths, 50/50. Maintenance not included.
<b>CP_OM1601M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 62.5 Micron OM1/OM2, 850/1300nm Wavelengths, 60/40. Maintenance not included.
<b>CP_OM1701M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 62.5 Micron OM1/OM2, 850/1300nm Wavelengths, 70/30. Maintenance not included.
<b>CP_OM1801M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 62.5 Micron OM1/OM2, 850/1300nm Wavelengths, 80/20 * NCNR. Maintenance not included.
<b>CP_OM1901M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 62.5 Micron OM1/OM2, 850/1300nm Wavelengths, 90/10 * NCNR. Maintenance not included.

<b>CP_OM4501M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 50/50. Maintenance not included.
<b>CP_OM4601M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 60/40. Maintenance not included.
<b>CP_OM4701M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 70/30. Maintenance not included.
<b>CP_OM4801M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 80/20 * NCNR. Maintenance not included.
<b>CP_OM4901M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 90/10 * NCNR. Maintenance not included.



<b>CP_OM5501M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 50/50. Maintenance not included.
<b>CP_OM5601M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 60/40. Maintenance not included.
<b>CP_OM5701M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 70/30. Maintenance not included.
<b>CP_OM5801M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 80/20 * NCNR. Maintenance not included.
<b>CP_OM5901M</b>	cPacket cTap Modular Fiber Single Tap: Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 90/10 * NCNR. Maintenance not included.

<b>CP_OM4501-SR4BM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR4/100G-SR4, MTP-12 Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 50/50, MTP-12 B Style Male Connectors (MPO12). Maintenance not included.
<b>CP_OM4601-SR4BM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR4/100G-SR4, MTP-12 Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 60/40, MTP-12 B Style Male Connectors (MPO12). Maintenance not included.
<b>CP_OM4701-SR4BM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR4/100G-SR4, MTP-12 Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 70/30, MTP-12 B Style Male Connectors (MPO12). Maintenance not included.
<b>CP_OM4801-SR4BM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR4/100G-SR4, MTP-12 Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 80/20, MTP-12 B Style Male Connectors (MPO12) * NCNR. Maintenance not included.
<b>CP_OM4901-SR4BM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR4/100G-SR4, MTP-12 Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 90/10, MTP-12 B Style Male Connectors (MPO12) * NCNR. Maintenance not included.

<b>CP_OM5501-SR4BM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR4/100G-SR4, MTP-12 Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 50/50, MTP-12 B Style Male Connectors (MPO12). Maintenance not included.
<b>CP_OM5601-SR4BM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR4/100G-SR4, MTP-12 Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 60/40, MTP-12 B Style Male Connectors (MPO12). Maintenance not included.
<b>CP_OM5701-SR4BM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR4/100G-SR4, MTP-12 Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 70/30, MTP-12 B Style Male Connectors (MPO12). Maintenance not included.
<b>CP_OM5801-SR4BM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR4/100G-SR4, MTP-12 Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 80/20, MTP-12 B Style Male Connectors (MPO12) * NCNR. Maintenance not included.
<b>CP_OM5901-SR4BM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR4/100G-SR4, MTP-12 Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 90/10, MTP-12 B Style Male Connectors (MPO12) * NCNR. Maintenance not included.

<b>CP_OM4501-100GSR10AM</b>	cPacket cTap Modular Fiber Single Passive Tap: 100G-SR10A, MTP-24 Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 50/50, MTP A Style Male Connectors (MPO). Maintenance not included.
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<b>CP_OM4601-100GSR10AM</b>	cPacket cTap Modular Fiber Single Passive Tap: 100G-SR10A, MTP-24 Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 60/40, MTP A Style Male Connectors (MPO). Maintenance not included.
<b>CP_OM4701-100GSR10AM</b>	cPacket cTap Modular Fiber Single Passive Tap: 100G-SR10A, MTP-24 Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 70/30, MTP A Style Male Connectors (MPO). Maintenance not included.
<b>CP_OM4801-100GSR10AM</b>	cPacket cTap Modular Fiber Single Passive Tap: 100G-SR10A, MTP-24 Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 80/20, MTP A Style Male Connectors (MPO) * NCNR. Maintenance not included.
<b>CP_OM4901-100GSR10AM</b>	cPacket cTap Modular Fiber Single Passive Tap: 100G-SR10A, MTP-24 Multi-Mode Fiber 50 Micron OM3/OM4, 850nm Wavelength, 90/10, MTP A Style Male Connectors (MPO) * NCNR. Maintenance not included.

<b>CP_OM5501-100GSR10AM</b>	cPacket cTap Modular Fiber Single Passive Tap: 100G-SR10A, MTP-24 Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 50/50, MTP A Style Male Connectors (MPO). Maintenance not included.
<b>CP_OM5601-100GSR10AM</b>	cPacket cTap Modular Fiber Single Passive Tap: 100G-SR10A, MTP-24 Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 60/40, MTP A Style Male Connectors (MPO). Maintenance not included.
<b>CP_OM5701-100GSR10AM</b>	cPacket cTap Modular Fiber Single Passive Tap: 100G-SR10A, MTP-24 Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 70/30, MTP A Style Male Connectors (MPO). Maintenance not included.
<b>CP_OM5801-100GSR10AM</b>	cPacket cTap Modular Fiber Single Passive Tap: 100G-SR10A, MTP-24 Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 80/20, MTP A Style Male Connectors (MPO) * NCNR. Maintenance not included.
<b>CP_OM5901-100GSR10AM</b>	cPacket cTap Modular Fiber Single Passive Tap: 100G-SR10A, MTP-24 Multi-Mode Fiber 50 Micron OM5, 850-950nm Wavelength, 90/10, MTP A Style Male Connectors (MPO) * NCNR. Maintenance not included.

<b>CP_OS2502-BiDiM</b>	cPacket cTap Fiber Dual Passive Tap: 1G/10G Single-Mode BiDi 9 Micron OS1/OS2, 1270~1350nm 1450~1530nm and 1510~1590nm Wavelengths, 50/50, LC Connectors. Maintenance not included.
<b>CP_OS2504-BiDiM</b>	cPacket cTap Fiber Quadruple Passive Tap: 1G/10G Single-Mode BiDi 9 Micron OS1/OS2, 1270~1350nm 1450~1530nm and 1510~1590nm Wavelengths, 50/50, LC Connectors. Maintenance not included.
<b>CP_OS2506-BiDiM</b>	cPacket cTap Fiber Sextuple Passive Tap: 1G/10G Single-Mode BiDi 9 Micron OS1/OS2, 1270~1350nm 1450~1530nm and 1510~1590nm Wavelengths, 50/50, LC Connectors. Maintenance not included.

<b>CP_OM4501-40GSRBiDiM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR BiDi Multi-Mode Fiber 50 Micron OM3/OM4, 800-950nm Wavelength, 50/50, LC Connectors. Maintenance not included.
<b>CP_OM4601-40GSRBiDiM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR BiDi Multi-Mode Fiber 50 Micron OM3/OM4, 800-950nm Wavelength, 60/40, LC Connectors. Maintenance not included.
<b>CP_OM4701-40GSRBiDiM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR BiDi Multi-Mode Fiber 50 Micron OM3/OM4, 800-950nm Wavelength, 70/30, LC Connectors. Maintenance not included.

<b>CP_OM4801-40GSRBiDiM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR BiDi Multi-Mode Fiber 50 Micron OM3/OM4, 800-950nm Wavelength, 80/20, LC Connectors * NCNR. Maintenance not included.
<b>CP_OM4901-40GSRBiDiM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR BiDi Multi-Mode Fiber 50 Micron OM3/OM4, 800-950nm Wavelength, 90/10, LC Connectors * NCNR. Maintenance not included.

<b>CP_OM5501-SRBiDiM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR/100G-SR BiDi Multi-Mode Fiber 50 Micron OM5, 800-950nm Wavelength, 50/50, LC Connectors. Maintenance not included.
<b>CP_OM5601-SRBiDiM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR/100G-SR BiDi Multi-Mode Fiber 50 Micron OM5, 800-950nm Wavelength, 60/40, LC Connectors. Maintenance not included.
<b>CP_OM5701-SRBiDiM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR/100G-SR BiDi Multi-Mode Fiber 50 Micron OM5, 800-950nm Wavelength, 70/30, LC Connectors. Maintenance not included.
<b>CP_OM5801-SRBiDiM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR/100G-SR BiDi Multi-Mode Fiber 50 Micron OM5, 800-950nm Wavelength, 80/20, LC Connectors * NCNR. Maintenance not included.
<b>CP_OM5901-SRBiDiM</b>	cPacket cTap Modular Fiber Single Passive Tap: 40G-SR/100G-SR BiDi Multi-Mode Fiber 50 Micron OM5, 800-950nm Wavelength, 90/10, LC Connectors * NCNR. Maintenance not included.

<b>CP_OS23321X3M</b>	cPacket cTap Fiber Dual Passive Regeneration Tap Module for FMC-1U: Two (2) 1 x 3 Single-Mode Fiber OS1/OS2 9 Micron 1310/1550nm Wavelength Uni-Directional Tap: 33.3/33.3/33.3. Maintenance not included.
<b>CP_OM43321X3M</b>	cPacket cTap Fiber Dual Passive Regeneration Tap Module for FMC-1U: Two (2) 1 x 3 Multi-Mode Fiber OM3/OM4 50 Micron 850nm Wavelength Uni-Directional Tap: 33.3/33.3/33.3. Maintenance not included.
<b>CP_OM53321X3M</b>	cPacket cTap Fiber Dual Passive Regeneration Tap Module for FMC-1U: Two (2) 1 x 3 Multi-Mode Fiber OM5 50 Micron 850nm Wavelength Uni-Directional Tap: 33.3/33.3/33.4. Maintenance not included.

<b>CP_TAP-MTP-1236-MM-XX-YY</b>	cPacket cTap Passive Tap: 12 x 40G/100G Full-Duplex Links, Multi-Mode 850nm Wavelength, 1RU and specify xx-yy of 90-10, 80-20, 70-30, 60-40, and 50-50 Splits. Maintenance not included.
<b>CP_TAP-MTP-1236-SM-XX-YY</b>	cPacket cTap Passive Tap: 12 x 40G/100G Full-Duplex Links, Single-Mode 1310/1550nm Wavelength, 1RU and specify xx-yy of 90-10, 80-20, 70-30, 60-40, and 50-50 Splits. Maintenance not included.
<b>CP_TAP-0824-MM-XX-YY</b>	cPacket cTap Passive Tap: 8 Full-Duplex Links and 16 Tap Feeds, Multi-Mode 850nm Wavelength, 1/2 RU and specify xx-yy of 90-10, 80-20, 70-30, 60-40, and 50-50 Splits. Maintenance not included.
<b>CP_TAP-0824-SM-XX-YY</b>	cPacket cTap Passive Tap: 8 Full-Duplex Links and 16 Tap Feeds, Single-Mode 1310/1550nm Wavelength, 1/2 RU and specify xx-yy of 90-10, 80-20, 70-30, 60-40, and 50-50 Splits. Maintenance not included.
<b>CP_TAP-1648-MM-XX-YY</b>	cPacket cTap Passive Tap: 16 Full-Duplex Links and 32 Tap Feeds, Multi-Mode 850nm Wavelength, 1RU and specify xx-yy of 90-10, 80-20, 70-30, 60-40, and 50-50 Splits. Maintenance not included.
<b>CP_TAP-1648-SM-XX-YY</b>	cPacket cTap Passive Tap: 16 Full-Duplex Links and 32 Tap Feeds, Single-Mode 1310/1550nm Wavelength, 1RU and specify xx-yy of 90-10, 80-20, 70-30, 60-40, and 50-50 Splits. Maintenance not included.

\* items marked NCNR are custom built products, all sales are final upon order and are non-cancelable and non-returnable

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[cPacket Networks](#) de-risks IT I&O through network-aware service and security assurance across hybrid and multi-cloud environments. Our AIOps-ready Intelligent Observability Platform provides single-pane-of-glass analytics and deep network visibility required for complex IT environments enabling Fortune 500 organizations worldwide to keep their business running. cPacket solutions are fully reliable, tightly integrated, and consistently simple. Our cutting-edge technology enables network, application, and security teams to proactively identify issues before negatively impacting the business. The result: increased service agility, enhanced experience assurance, and faster transactional velocity. Learn more at [www.cpacket.com](http://www.cpacket.com).