



Tap Monitoring

DMPTx00xxxxxxxx

DESCRIPTION

The TAP Test Access Point is a device that looks like a three-way! Connects to the network and sends the data being exchanged to the network traffic analyzer. The TAP system simultaneously transmits incoming and outgoing data over the dedicated channel.

Ensures the receipt of data by the monitoring system instantly and at the same time redirects all-optical traffic to the Monitoring.

Passive Monitoring TAPs are a set of optical fibers that have a unique capability by branching off from the main optical signals and receiving the minimum optical power. Dividing TAPs perform well without the need for a power supply, and Network operators also have full Duplex monitoring of Multimode (mm) and Single mode (SM) optical fibers for 1GB, 10GB, 40GB, and 100GB connections.

The benefits of this system include high port density, increased network visibility (Monitoring), reduced response time to security incidents, and up to 80% cost savings and ongoing operating costs when combined with Monitoring's Distribution Traffic.

This system has a combination of monitoring output ratios.

The highly reliable construction of this device ensures maximum continuity of communication.

Advantages

- Eliminates the possibility of drop packets.
- The monitoring device receives all packets, including physical errors.
- You can monitor Full-duplex networks.
- Ability to implement and produce for different types of optical networks with different coefficients.
- Create a structure and firewall to prevent cyber attacks.

Disadvantages

- The monitoring device may require a Dual-Receive capture interface.
- It is not possible to monitor the traffic inside the switch.

Part number structure

Tap single-mode type	Part number
TAP SINGLE MODE 50-50	DMPTS00005050
TAP SINGLE MODE 10-90	DMPTS00001090
TAP SINGLE MODE 20-80	DMPTS00002080
TAP SINGLE MODE 30-70	DMPTS00003070
TAP SINGLE MODE 40-60	DMPTS00004060
TAP SINGLE MODE 25-25-50	DMPTS00252550
TAP SINGLE MODE 20-20-60	DMPTS00202060
Tap multi-mode type	Part number
TAP MULTI MODE 50-50	DMPTM00005050
TAP MULTI MODE 10-90	DMPTM00001090
TAP MULTI MODE 20-80	DMPTM00002080
TAP MULTI MODE 30-70	DMPTM00003070
TAP MULTI MODE 40-60	DMPTM00004060
TAP MULTI MODE 25-25-50	DMPTM00252550
TAP MULTI MODE 20-20-60	DMPTM00202060

Specification

Mechanical									
Total Weight:	5 lb. / 2.300 kg.								
Dimension	17.3" (w) x 12.5" (d) x 1.75" (h) / (440mm x 300 mm x 45mm) 1RU High, Fits standard 19" Rack, 21" Deep								
Fiber Network Ports:	X3 ~ x18								
Fiber Monitor Ports:	X6								
Split Ratio:	90:10		80:20		70:30		60:40		
Wavelength	Insertion Loss (dB)	Net	Mon	Net	Mon	Net	Mon	Net	Mon
	850nm	< 1.3	< 10.8	< 1.9	< 8.0	< 2.0	< 6.0	< 3.3	< 4.2
	1310/1550nm SM	< 0.6	< 10.5	< 1.0	< 7.3	< 1.7	< 5.5	< 2.5	< 4.1
Performance									
Full line rate:	2 – 960 Gbps								
Environmental									
Operating Temperature	0 ~ +55 c								
Storage temperature	–20 ~ 100 c								
Humidity:	5% – 95%, non–condensing								
Data									
Rates:	All speeds up to 40 Gbps								
Types:	All Optical*								
Propagation Delay									
Network to Network	< 3.2ns								
Network to Monitor	< 3.2ns								
TAP Interface									
Speed Duplex	Full duplex 100Gb, 40Gb, 10Gb, 1Gb, fiber links								
Fiber Types	SM (9/125 micron) for 1310nm or 1550nm wavelength MM (62.5/125micron) for 850nm wavelength								
Connector Types	LC for all network and monitor ports								