



FTP-8000 Series Fiber TAP

High Density for 1G to 100G Links



Passive fault tolerant design. Links stay up even during outage or failure.

This passive non-powered tap provides permanent access into 8 fiber links - from 1G up to 100G.* It is ideal for simultaneously monitoring a large number of adjacent links, and is suitable for large corporate data centers, cloud or communication service providers, and other high performance environments. All traffic passing on the link is copied to the monitor ports. Use of a tap eliminates the need to connect and disconnect for monitoring, and the only impact on links is a small amount of insertion loss. Unlike SPAN ports, it provides visibility into Layer 1 and 2 errors, and passes 100% of traffic - no dropped packet copies. Available in a wide array of split ratios, and Multimode or Single-Mode fiber.

- Deploy when a large number ports require non-intrusive access - two TAPs support 16 links in 1RU
- Passive, non-powered architecture design - small insertion loss is only impact on link

*25G, 50G, and 100G supported only in 9 micron Single Mode models. Contact Datacom Systems for 40G model information.

Technical Specifications

Network Ports

Eight (8) LC connector TAP assembly port pairs
(one set per internal TAP)

Monitor Ports

Sixteen (16) LC connector Monitor Ports (two per internal TAP)

Split Ratio

50/50, 70/30
Additional Split Ratios Available

Insertion Loss*

4.0 dB (approx)
Multimode (choose 50/62.5 micron diameter) 50/50 = 4.2 dB
Multimode (choose 50/62.5 micron diameter) 70/30 = 3.0 / 6.7 dB
Singlemode (9 micron diameter) 50/50 = 3.9 dB
Singlemode (9 micron diameter) 70/30 = 2.2 / 6.3 dB

* approximate per fiber

Physical Dimensions (H x W x D)

0.875 x 17 x 8 in (2.2 x 43.2 x 20.3 cm)

Weight

4 lbs. (1.82 Kg)

Certifications

CE, ROHS

Environmental

Operating Temperature: 32° to 104°F (0° to 40°C)
Storage Temperature: -22° to 149°F (-30° to 65°C)
Humidity: 5 to 90% non-condensing

Warranty

One (1) Year Standard Hardware Warranty
Extended Support available

ORDERING INFORMATION (Additional split ratios available)

Product	Description
FTP-8504	50/50 Fiber TAP (50 micron)**
FTP-8505	50/50 Fiber TAP (62.5 micron)**
FTP-8506	50/50 Fiber TAP (9 micron)
FTP-8704	70/30 Fiber TAP (50 micron)**
FTP-8705	70/30 Fiber TAP (62.5 micron)**
FTP-8706	70/30 Fiber TAP (9 micron)

Rack Mount included

** These models support 1G and 10G only