FTP-1546 Series for 40G / 100GBase-LR4 Links
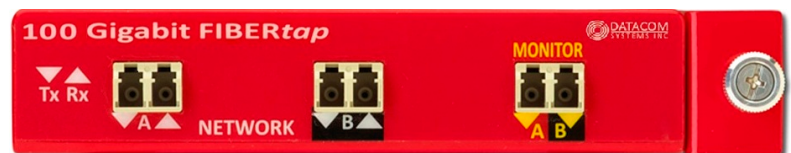
Completely passive fault tolerant design. Monitor 40G/100G multi wavelength links

Ideal for permanent, 24x7 access to your fiber network for Network Analysis, IDS and monitoring applications

40 and 100 Gigabit fiber taps from Datacom Systems provide your network monitoring and security tools passive permanent access into your fiber network.

The FTP-1546 will tap a 40GBase-LR4 or 100GBase-LR4 network link, sending a copy of traffic from each device 2 LC ports in LR format.

Monitor outputs include each wavelength:
1271, 1291, 1311 and 1331nm for 40G links.
1295.56, 1300.05, 1304.59 and 1309.14nm for 100G links.

The FTP-1546 is completely passive and uses no electrical power. These network taps are ideal for security applications, network monitoring and anywhere you need to see all the data that only an In-Line solution can provide. Invisible to the network, completely passive and fault-tolerant, fiber taps will not affect network performance or integrity.

They provide permanent In-Line access to network links - eliminating the need for network connectors to be disconnected and connected each time a segment needs to be analyzed.

Our taps allow you to view layer 1 and 2 errors not seen when performing network monitoring using SPAN ports.

Non-powered, passive tap
Optional 1U rack mount holds 3 taps
4U 12 bay rack available

Find out more. Visit www.datacomsystems.com

Technical Specifications

NETWORK PORT
Two (2) 40Gb/100Gb LR4 Network Connections

MONITOR PORT
Two (2) 40Gb/100Gb LR4 Monitor Connections

SPLIT RATIO
50/50

INSERTION LOSS**
Network Ports: 4.0 dB insertion loss*
Monitor Ports: 3.5 dB insertion loss*

PHYSICAL DIMENSIONS (H x W x D)
1.07 x 5 x 5 in.
 (2.7 x 12.7 x 12.7 cm)

WEIGHT
12 oz (0.34 kgs)

CERTIFICATIONS
CE, ROHS

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

WARRANTY
Two (2) Year Standard Hardware Warranty

ORDERING INFORMATION

Product	Description
FTP-1546	40Gb/100Gb Passive TAP with 2 LR4 LC style ports, to tap a 40GBASE-LR4 or 100GBASE-LR4 fiber strand link.
	Output to 2 LC style monitor ports, 50/50 split ratio. 9 micron fiber.
FTP-1746	40Gb/100Gb Passive TAP with 2 LR4 LC style ports, to tap a 40GBASE-LR4 or 100GBASE-LR4 fiber strand link.
	Output to 2 LC style monitor ports, 70/30 split ratio. 9 micron fiber.

Optional Equipment

RMC-3	3-Unit Rack Mount
RMC-12-3	12-Unit Rack Mount

DATACOM SYSTEMS INC