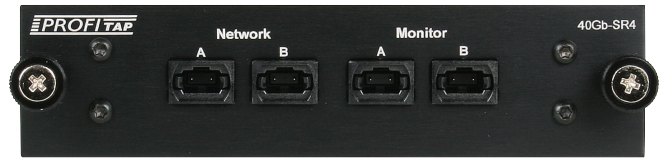# MTP Fiber Optic TAPs
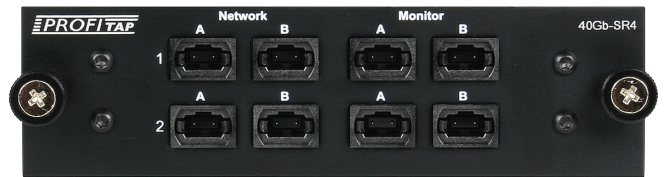## Optimized for 40G and 100G networks
1 and 2 TAP links

Profitap MTP fiber optic TAPs are designed to enable flawless in-line monitoring of 40G and 100G fiber optic networks. Our MTP TAPs use some of the most advanced fiber optic technology available in order to bring you exceptional density and performance within an exceptionally compact footprint. We ensure instant, optimized use of your 40GBASE-SR4 and 100GBASE-SR10 networks with complete traffic visibility, zero downtime, zero packet loss, and no point of failure.

The Profitap MTP Series achieves superior performance and flexibility by using up to 24 fiber strands in a single connector. How you use these fiber strands is up to you; monitoring a single 40G/100G connection, or multiple 1G/10G ones using fanout cables: anything is possible. For optimal connectivity, our TAPs exclusively use world-renowned US Conec MTP® connectors.
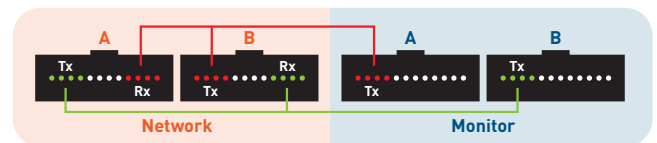
Profitap MTP TAPs seamlessly monitor all OSI layers while remaining fully 802.3af & VoIP compliant throughout the process. Our fiber optic TAPs have no IP or MAC address, effectively making them invisible to the network, non-intrusive, and impenetrable. With absolutely no power source needed and a lightweight construction, the Profitap MTP Series has received some of the highest possible marks from industry experts around the world. When it comes to fiber optic taps, the Profitap MTP Series is simply superior.
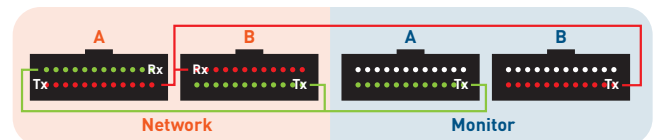

40G: F1M4-SR4 / 100G: F1M4-SR10

40G: F2M4-SR4 / 100G: F2M4-SR10

40GBASE-SR4 TAP diagram

100GBASE-SR10 TAP diagram

Fiber Type	MultiMode 50/125µm, OM4, 850/1300nm
Split Ratio	50/50, can vary 3 to 4 %
Maximum Insertion Loss	4.2 dB*
Enclosure	Black & natural anodized aluminium
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 80°C
Humidity	10% to 90%, non-condensing

*Doesn't include external connector loss.

1 and 2 TAP links

40GBASE-SR4

F1M4		(Ref.: F1M4-SR4)
F2M4		(Ref.: F2M4-SR4)

100GBASE-SR10

F1M4		(Ref.: F1M4-SR10)
F2M4		(Ref.: F2M4-SR10)

	F1M4-SR4	F1M4-SR10	F2M4-SR4	F2M4-SR10
Connectors	4x MTP 12p	4x MTP 24p	8x MTP 12p	8x MTP 24p
Links	1	1	2	2
Type	40GBASE-SR4	100GBASE-SR10	40GBASE-SR4	100GBASE-SR10
Dimensions (WxDxH)	114 x 174 x 30 mm	114 x 174 x 30 mm	114 x 174 x 30 mm	114 x 174 x 30 mm
	4.49 x 6.85 x 1.18 in	4.49 x 6.85 x 1.18 in	4.49 x 6.85 x 1.18 in	4.49 x 6.85 x 1.18 in
Front panel dimensions (WxH)	143 x 35 mm	143 x 35 mm	143 x 40 mm	143 x 40 mm
	5.63 x 1.38 in	5.63 x 1.38 in	5.63 x 1.57 in	5.63 x 1.57 in
Weight	460 g	460 g	660 g	660 g
	1.01 lb	1.01 lb	1.46 lb	1.46 lb