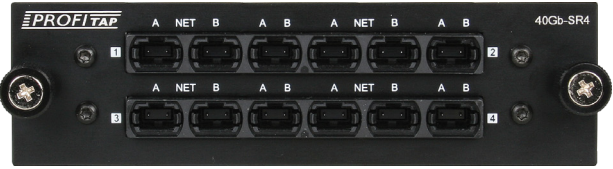# MTP FIBER TAPs

OPTIMIZED FOR HIGH DENSITY 40G AND 100G NETWORKS

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, 100GBASE-SR4, and 100GBASE-SR10 networks with complete traffic visibility, and no downtime or packet loss.
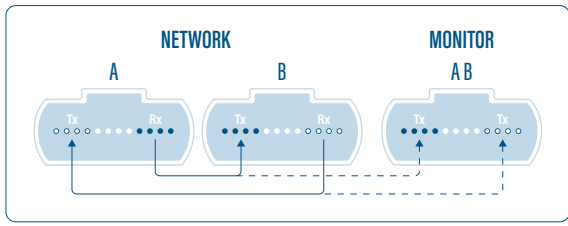

The Profitap MTP Series achieves superior performance and flexibility by using up to 24 fiber strands in a single connector. How you use these fiber strands is up to you; monitoring a single 40G/100G connection, or multiple 1G/10G ones using fanout cables: anything is possible. For optimal connectivity, our TAPs exclusively use world-renowned US Conec MTP® connectors.

Profitap MTP TAPs seamlessly monitor all OSI layers, and are fully 802.3af and VoIP compliant. Our fiber optic TAPs have no IP or MAC address, effectively making them invisible to the network, non-intrusive, and impenetrable. With 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.
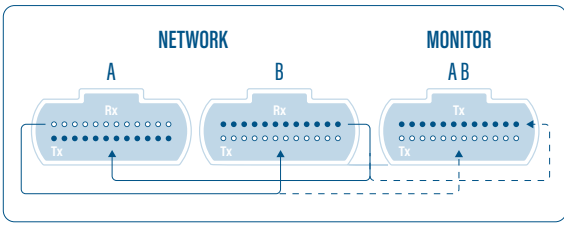
FIBER TYPE	Multi-Mode 50/125 µm, OM4, 850/1300 nm
SPLIT RATIO	50/50, can vary 3 to 4 %
MAXIMUM INSERTION LOSS	4.2 dB*
CONNECTIVITY	Y-Cable for monitor port included
OPERATING TEMPERATURE	0°C to 50°C
STORAGE TEMPERATURE	-10°C to 80°C
HUMIDITY	10% to 90%, non-condensing

*Doesn't include external connector loss.

40GBASE-SR4 & 100GBASE-SR4 TAP DIAGRAM

100GBASE-SR10 TAP DIAGRAM

TECHNICAL SPECIFICATIONS

ORDER REFERENCE	F4MY-SR4	F4MY-SR10	F8MY-SR4	F8MY-SR10
CONNECTORS	12 x MTP 12p	12 x MTP 24p	24 x MTP 12p	24 x MTP 24p
LINKS	4	4	8	8
TYPE	40GBASE-SR4 & 100GBASE-SR4	100GBASE-SR10	40GBASE-SR4 & 100GBASE-SR4	100GBASE-SR10
DIMENSIONS (WxDxH)	114 x 174 x 30 mm 4.49 x 6.85 x 1.18 in	114 x 174 x 30 mm 4.49 x 6.85 x 1.18 in	430 x 180 x 15 mm 16.93 x 7.09 x 0.59 in	430 x 180 x 15 mm 16.93 x 7.09 x 0.59 in
FRONT PANEL DIMENSIONS (WxH)	143 x 40 mm 5.63 x 1.57 in	143 x 40 mm 5.63 x 1.57 in	484 x 15 mm 19.06 x 0.59 in	484 x 15 mm 19.06 x 0.59 in
WEIGHT	720 g / 1.59 lb	720 g / 1.59 lb	2310 g / 5.09 lb	2310 g / 5.09 lb

V2.2-11.21