



# In-Line Taps

## Full Duplex Single or Multi-port Ethernet Taps

- Enables dynamic insertion of network monitoring and analysis devices without disrupting links
- Provides complete access to network traffic at line rate
- Invisible, non-intrusive access to the network
- Provides significant advantages over “port mirroring” for network analysis
- Allows for monitoring, capturing, analyzing physical errors
- View all traffic including faults and timing errors

Fluke Networks’ In-Line Taps maximize visibility and minimize link downtime on full duplex switched LANs. Available in single or multi-port configurations, In-Line Taps give access to all network traffic, including all physical errors, from both sides of a full-duplex link. They are designed to be fault tolerant and enable network monitoring or analysis tools to be dynamically inserted into Ethernet segments without breaking the link. In-Line Taps are completely passive to network traffic and allow for analysis of individual segments along with the ability to rove between segments. In addition, the

eight-port fiber taps can be daisy-chained to provide remote roving for up to 16 network segments.

Taps can be used with the OptiView Link Analyzer or third party LAN and security analyzers. They provide a cost-effective and unique way for analyzers or probes to see all of the traffic on one or more previously “blind” full-duplex links. In-Line Taps allow for monitoring, capture and analysis of physical errors and enable full-duplex, full-line rate performance, even at gigabit rates, whereas span ports do not.



**FTAP-8M** Eight Port Fiber Tap



**UTP TAP-12** Twelve Port 10/100 Ethernet Tap



**TAP-1G** Single Port Copper Gigabit Ethernet Tap



**TAP-1P** Single Port 10/100 Ethernet Tap



**FTP-102** Single Port Fiber Tap



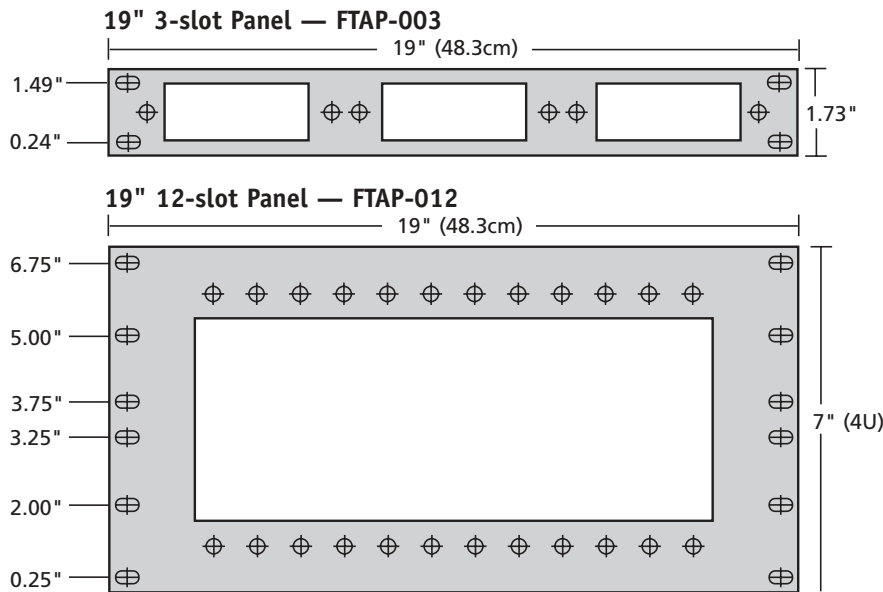
## Specifications

	UTP TAP-1	Fiber FTAP-1	UTP TAP-12	Fiber FTAP-8	TAP-1G
<b>Network Ports/Media</b>	1 pair RJ45	2 Duplex SC Connectors	12 Pairs RJ45	16 Duplex SC Connectors	1 Pair RJ45 (1000 B-T)
<b>Latency</b>	Less than 1 Bit time @ 100 Mbps	0	Less than 1 Bit time @ 100 Mbps	0	Less than 1 bit time
<b>Power Consumption</b>	1.5W	N/A	18W	18W	5W
<b>Height</b>	1.1 in (2.8 cm)	1.2 in (3.05 cm)	1.7 in (4.4 cm)	1.75 in (1U)	1.1 in (2.8 cm)
<b>Width</b>	4.1 in (10.4 cm)	5.0 in (12.7 cm)	17 in (43.2 cm)	17 in (43.2 cm)	4.1 in (10.4 cm)
<b>Weight</b>	5.5 oz (156g)	8.3 oz (235.4g)	6.2 lbs (13.6 kg)	10 lbs (4.5 kg)	16 oz (453.6g)
<b>Mount</b>	19-inch rack (48.3cm) <sup>2</sup>	19-inch rack (48.3cm) <sup>2</sup>	19-inch rack (48.3cm) <sup>1</sup>	19-inch rack (48.3cm) <sup>1</sup>	19-inch rack (48.3cm) <sup>2</sup>
<b>Operational Temp.</b>	0-40 degrees Celsius	0-40 degrees Celsius	0-40 degrees Celsius	0-40 degrees Celsius	0-40 degrees Celsius

<sup>1</sup> Mounting kit included

<sup>2</sup> Rack mount kit option available (see below)

## Rackmount Options



### Metric Equivalents

.024"	.61 cm
.025"	.64 cm
1.49"	3.79 cm
1.73"	4.39 cm
2.00"	5.08 cm
3.25"	8.26 cm
3.75"	9.53 cm
5.00"	12.70 cm
6.75"	17.15 cm
7.00"	17.78 cm
19.00"	48.26 cm

### NETWORK SUPERVISION

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