

# LC FIBER OPTIC TAPS

## COMPLETE, SAFE, PASSIVE IN-LINE MONITORING

Profitap LC Fiber Optic TAPs are designed to enable flawless in-line monitoring of Single-Mode and Multi-Mode fiber optic networks. They use LC connectors with low insertion loss zirconia sleeve adapters, and are available in Single-Mode (1310/1550nm 9/125µm) and Multi-Mode (850/1300nm 50µm and 62.5µm), with split ratios ranging from 50/50 to 80/20.

### FEATURES

- Non-intrusive in-line monitoring
- Permanent network link guaranteed
- Monitoring of all OSI layers
- No packet loss
- No point of failure
- Passive, unpowered
- Various split ratios available
- 10-year warranty

## MAXIMUM INSERTION LOSS (dB)

Split Ratio	50 / 50	60 / 40	70 / 30	80 / 20
Multi-Mode 50/62.5 µm	3.8 / 3.8	2.8 / 4.8	2.2 / 6.1	1.8 / 8.1
Single-Mode 9 µm	3.4 / 3.4	2.5 / 4.5	1.7 / 5.8	1.2 / 7.9

Note: These values don't include external connector loss  
 Split ratio can vary 3-4%  
 Multi-Mode 50/62.5µm: Dual Wavelength 850/1300 nm  
 Single-Mode: Dual Wavelength 1310/1550 nm

## TECHNICAL SPECIFICATIONS

	F1RL	F1PL	F4L
NETWORK LINKS	1	1	4
MONITOR LINKS	1	1	4
DIMENSIONS (WxDxH)	113 x 88 x 30 mm / 4.4 x 3.5 x 1.2 in	113 x 88 x 30 mm / 4.4 x 3.5 x 1.2 in	113 x 88 x 30 mm / 4.4 x 3.5 x 1.2 in
FRONT PANEL DIMENSIONS (WxH)	143 x 35 mm / 5.6 x 1.4 in	—	143 x 40 mm / 5.6 x 1.6 in
WEIGHT	180 g / 0.4 lb	174 g / 0.38 lb	260 g / 0.6 lb

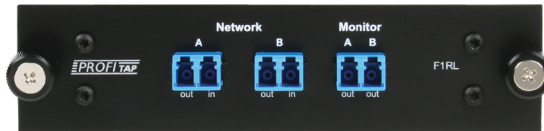
MM 62.5 µm — 1 Gbps	F1RL-U**	F1PL-U**	F4L-U**
MM 50 µm OM4 — 1-25 Gbps	F1RL-Z**	F1PL-Z**	F4L-Z**
MM 50 µm OM5 — 1-100* Gbps	Available on demand		
SM 9 µm — 1-100 Gbps	F1RL-S**	F1PL-S**	F4L-S**

\* SWDM4

\*\* Split Ratio: 50 = 50/50 · 60 = 60/40 · 70 = 70/30 · 80 = 80/20

### RACK-MOUNTABLE 1-LINK LC FIBER TAP

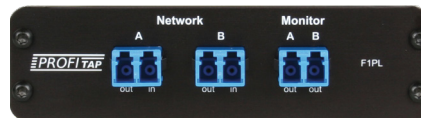
F1RL



The 1-Link LC Fiber TAP enables the monitoring of 1 LC fiber optic link. Up to 3 can be placed in a 1U Profitap Rack Frame (ref. ARF-1U).

### PORTABLE 1-LINK LC FIBER TAP

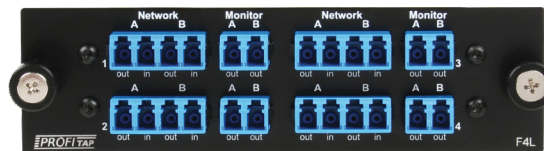
F1PL



The Portable LC Fiber TAP enables the monitoring of 1 LC fiber optic link. Its portable design allows it to be easily transported on the field. A carrying zipper pouch is provided for optimal portability.

### RACK-MOUNTABLE 4-LINK LC FIBER TAP

F4L



The 4-Link LC Fiber TAP enables the monitoring of 4 LC fiber optic links. Up to 3 can be placed in a 1U Profitap Rack Frame (ref. ARF-1U).