LC Fiber Optic TAPs
Providing Visibility Into Your Fiber Optic Network
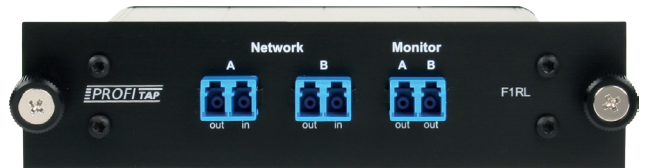## Complete, Safe, Passive In-Line Monitoring

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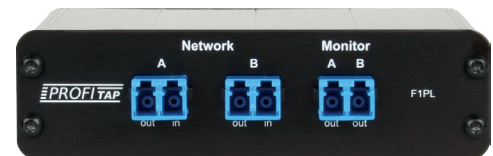
● **Features**
- Non-intrusive in-line monitoring
- Permanent network link guaranteed
- Monitoring of all OSI layers
- No packet loss
- No point of failure
- Passive, unpowered
- Various split ratios available
- 10-year warranty

● **Rack-Mountable 1-Link LC Fiber TAP** (ref. F1RL)
The 1-Link LC Fiber TAP enables the monitoring of 1 LC fiber optic link. Its compact design allows it to be placed along with 2 other Profitap TAPs in a 1U Profitap Rack Frame (ref. ARF-1U) for up to 3 TAPs in 1U rack space.

Portable 1-Link LC Fiber TAP (ref. F1PL)
The Portable LC Fiber TAP enables the monitoring of 1 LC fiber optic link. Thanks to a special portable design, it can be easily transported on the field and placed at key points of the network with utmost space use efficiency. For optimal portability, a carrying zipper pouch is provided.

Rack-Mountable 4-Link LC Fiber TAP (ref. F4L)
The 4-Link LC Fiber TAP enables the monitoring of 4 LC fiber optic links. Its compact design allows it to be placed along with 2 other Profitap TAPs in a 1U Profitap Rack Frame (ref. ARF-1U) for up to 3 TAPs in 1U rack space.
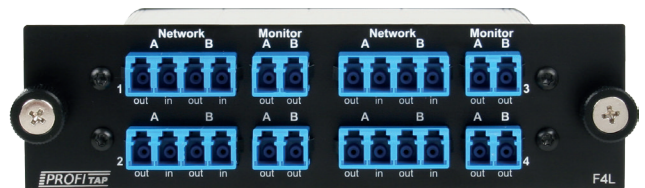
Rack-Mountable 1-Link LC TAP (F1RL)

Portable 1-Link LC TAP (F1PL)

Rack-Mountable 4-Link LC TAP (F4L)

● **Maximum Insertion Loss (dB)**

Split ratio	50/50	60/40	70/30	80/20
Multi-Mode 50/62.5μm	4.0/4.0	3.0/5.0	2.4/6.3	1.8/8.1
Single-Mode 9μm	3.6/3.6	2.7/4.7	1.9/6.0	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
Multi-Mode 10Gb/50μm: Wavelength 850 nm
Single-Mode: Dual Wavelength 1310/1550 nm

● **Technical Specifications**

Reference	F1RL	F1PL	F4L
Network Links	1	1	4
Monitor Links	1	1	4
Dimensions (WxDxH)	113 x 88 x 30 mm	113 x 88 x 30 mm	113 x 128 x 30 mm
	4.4 x 3.5 x 1.2 in	4.4 x 3.5 x 1.2 in	4.4 x 5 x 1.2 in
Front Panel (WxH)	143 x 35 mm	–	143 x 40 mm
	5.6 x 1.4 in	–	5.6 x 1.6 in
Weight	180 g	174 g	260 g
	0.4 lb	0.38 lb	0.6 lb

Connector	Type	Speed	Order reference		
			1-Link Rack-M.	1-Link Portable	4-Link Rack-M.
LC	MM 62.5/125 μm	1 Gbps	F1RL-U-**	F1PL-U-**	F4L-U-**
	MM 50/125 μm	1-10 Gbps	F1RL-Z-**	F1PL-Z-**	F4L-Z-**
	SM 9/125 μm	1-100 Gbps	F1RL-S-**	F1PL-S-**	F4L-S-**

** Split Ratio: 50 = 50/50 • 60 = 60/40 • 70 = 70/30
For other split ratios please contact us for availability.

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