Dual Output LC TAP
Set up Two Monitor Ports on a Single Link
Complete, Safe, Passive In-Line Monitoring

- The Dual Output LC TAP is a Fiber Optic TAP suited for the monitoring of a single fiber optic link by two different analyzers. It uses LC connectors with low insertion loss zirconia sleeve adapters, and is available in Single-Mode (1310/1550nm 9/125μm), with a 50/25/25 or 40/30/30 split ratio.

  The Dual Output TAP splits the optical signal twice in order to provide two monitor output signals from a single link. These two output signals can be connected to two separate monitoring systems, to be filtered and analyzed in different ways.

  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 Dual Output LC TAP (F1x3L)

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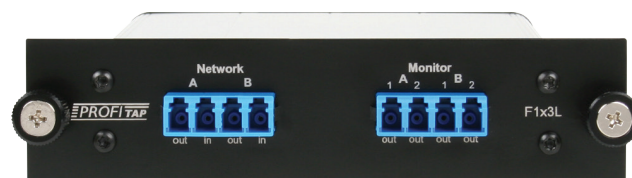 - Various split ratios available
  - 10-year warranty

- **Maximum Insertion Loss (dB)**

Split ratio	50 / 25 / 25	40 / 30 / 30
Single-Mode 9μm	3.7 / 7.4 / 7.4	4.9 / 6.1 / 6.1

Note: These values don't include external connector loss.

Split ratio can vary 3-4%
Single-Mode: Dual Wavelength 1310/1550 nm

Technical Specifications

Reference	F1x3L
Network Links	1
Monitor Links	2
Connectors	LC quad with zirconia adapters
Enclosure	Black & natural anodized aluminium
Operating Temperature	0°C to 55°C
Storage Temperature	-10°C to 90°C
Humidity	10 to 90%, non-condensing
Dimensions (WxDxH)	113 x 128 x 30 mm
	4.45 x 5.04 x 1.18 in
Front Panel Dim. (WxH)	143 x 35 mm
	5.63 x 1.38 in
Weight	207 g
	0.46 lb

Connector	LC	LC
Type	SM 9/125 μm	SM 9/125 μm
Speed	1-100 Gbps	1-100 Gbps
Split ratio	50 / 25 / 25	40 / 30 / 30
Order reference	F1x3L-S-50	F1x3L-S-40