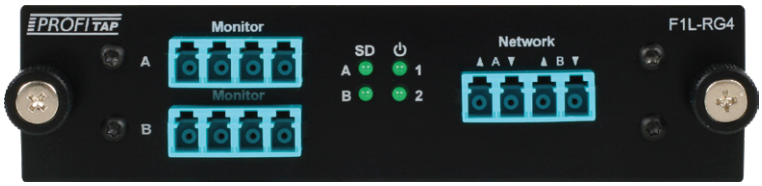
QUAD LC REGENERATION TAP

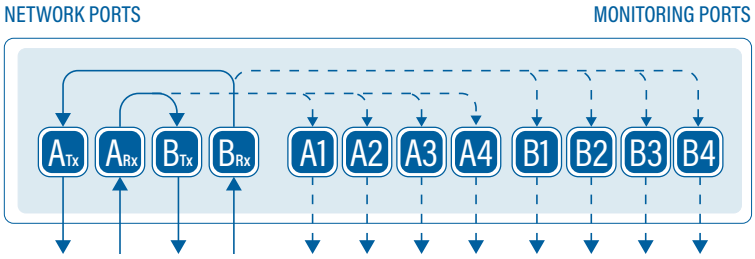
SET UP FOUR MONITOR PORTS ON A SINGLE LINK

The Quad LC Regeneration TAP is a Fiber Optic TAP suited for the monitoring of a single fiber optic link by four different analyzers. It uses LC connectors with low insertion loss zirconia sleeve adapters, and is available in Single-Mode (1310nm 9/125µm) and Multi-Mode (850nm 50/125µm).

The Regeneration TAP only splits the signal once, before duplicating and regenerating the monitor signal four times. This greatly mitigates the weakening of the optical signal that results from excessive splitting. The four output signals can be connected to four 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.





TECHNICAL SPECIFICATIONS

NETWORK LINKS	MONITOR LINKS
1	4
CONNECTORS	**ENCLOSURE**
LC quad with zirconia adapters	Black & natural anodized aluminum
WEIGHT	**DIMENSIONS (WxDxH)**
385 g — 0.85 lb	113 x 168 x 30 mm — 4.45 x 6.61 x 1.18 in
POWER INPUT	**FRONT PANEL DIMENSIONS (WxH)**
2 x 12 VDC	143 x 35 mm — 5.63 x 1.38 in
INCLUDED ACCESSORIES	**OPTIONAL ACCESSORIES**
1 x 90–240 VAC PSU	1U Rackmount Frame (ARF-1U) 90–240 VAC PSU (APWR2)

CONNECTOR	TYPE	SPEED	SPLIT RATIO	ORDER REFERENCE
LC	MM 50/125 µm	1 Gbps	50/50	F1L-RG4-Z-50-1
			60/40	F1L-RG4-Z-60-1
		10 Gbps	50/50	F1L-RG4-Z-50-10
			60/40	F1L-RG4-Z-60-10
	SM 9/125 µm	1 Gbps	60/40	F1L-RG4-S-60-1
		10 Gbps	60/40	F1L-RG4-S-60-10

FEATURES

- Non-intrusive in-line monitoring
- Permanent network link guaranteed
- Monitoring of all OSI layers
- No packet loss
- No point of failure
- Various split ratios available
- Signal regeneration to 4 monitor ports

MAXIMUM INSERTION LOSS (dB)

SPLIT RATIO	50/50	60/40
Multi-Mode 50µm	4.0 (Net)	3.0 (Net)
Single-Mode 9µm	—	2.7 (Net)

These values don't include external connector loss.

Split ratio can vary 3-4%
Multi-Mode 50µm: Wavelength 850nm
Single-Mode 9µm: Wavelength 1310nm

V.2.3-08.18

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