HIGH DENSITY FIBER OPTIC TAP

COMPLETE, SAFE, PASSIVE IN-LINE MONITORING

8-LINK RACK-MOUNTABLE   **F8L**

The F8L High Density Fiber Optic TAP is designed to enable flawless in-line monitoring of Single-Mode and Multi-Mode fiber optic networks. The F8L uses LC connectors with low insertion loss zirconia sleeve adapters, and is 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 70/30.
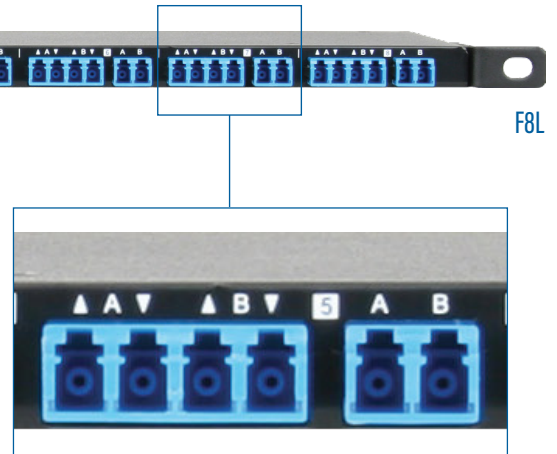
The F8L enables the monitoring of up to 8 LC fiber optic links. Its ultra-thin design allows for up to 3 to be placed in a 1U rack space, for up to 24 monitored LC links in a single RU.

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

NETWORK LINKS	MONITORING LINKS
8	8
CONNECTORS	**ENCLOSURE**
LC quad with zirconia adapters	Black & natural anodized aluminum
OPERATING TEMPERATURE	**STORAGE TEMPERATURE**
-5°C to 70°C	-40°C to 85°C
HUMIDITY	**DIMENSIONS (WxDxH)**
10 to 90%, non-condensing	430 x 133 x 15 mm 16.9 x 5.2 x 0.6 in
WEIGHT	**FRONT PANEL DIMENSIONS (WxH)**
1100 g — 2.43 lb	484 x 15 mm — 19 x 0.6 in

CONNECTOR	TYPE / SPEED	SPLIT RATIO	ORDER REFERENCE
LC	MM 62.5 µm — 1 Gbps	50/50	F8L-U-50
		60/40	F8L-U-60
		70/30	F8L-U-70
		80/20	F8L-U-80
	MM 50 µm OM4 — 1–25 Gbps	50/50	F8L-Z-50
		60/40	F8L-Z-60
		70/30	F8L-Z-70
		80/20	F8L-Z-80
	MM 50 µm OM5 — 1–100* Gbps	Available on demand	
	SM 9 µm — 1–100 Gbps	50/50	F8L-S-50
		60/40	F8L-S-60
		70/30	F8L-S-70
		80/20	F8L-S-80

* SWDM4

MAXIMUM INSERTION LOSS

SPLIT RATIO	50/50	60/40	70/30	80/20
MM 50 µm	3.8/3.8	2.8/4.8	2.2/6.1	1.8/8.1
MM 62.5 µm	4.0/4.0	3.0/5.0	2.4/6.3	2.0/8.3
SM 9 µm	3.4/3.4	2.5/4.5	1.7/5.8	1.2/7.9

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 9µm: Dual Wavelength 1310/1550 nm

V3.8-02.24