

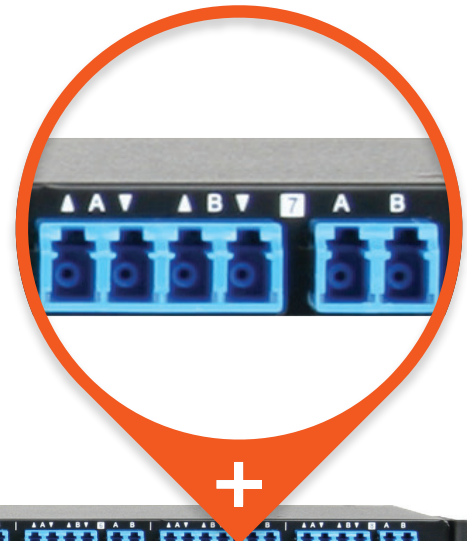
F8L

High Density Fiber Optic TAP

Monitoring of up to 8 LC fiber optic links

- 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 use 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 80/20.

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

- 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 | F8L |
|------------------------|-------------------------------------|
| Network Links | 8 |
| Monitor Links | 8 |
| Connectors | LC duplex with zirconia adapters |
| Enclosure | Structured black oven painted steel |
| Operating Temperature | 0°C to 55°C |
| Storage Temperature | 10°C to 90°C |
| Humidity | 10 to 90%, non-condensing |
| Dimensions (WxDxH) | 430 x 133 x 15 mm |
| | 16.9 x 5.2 x 0.6 in |
| Front Panel Dim. (WxH) | 484 x 15 mm |
| | 19 x 0.6 in |
| Weight | 1100 g |
| | 2.43 lb |

| Connector | Type | Speed | Order reference |
|-----------|----------------|------------|-----------------|
| LC | MM 62.5/125 µm | 1 Gbps | F8L-U-** |
| | MM 50/125 µm | 1-10 Gbps | F8L-Z-** |
| | SM 9/125 µm | 1-100 Gbps | F8L-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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