



## F8L 8-Link LC Fiber Optic TAP



### **CUSTOMER SUPPORT INFORMATION**

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If you have any questions, you can contact us through our website:

[www.profitap.com](http://www.profitap.com)

or by email:

[support@profitap.com](mailto:support@profitap.com)

For the latest documentation and software, visit our Resource Center:

<https://resources.profitap.com/>

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## 1. General Information

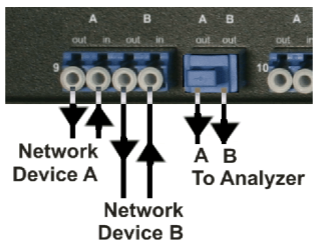
The Fiber Optic Tap is fault tolerant and the ideal solution for 24/7 security monitor applications. Transparent to the network they mirror all 7 protocol layers to the monitor port. The network traffic flows uninterrupted regardless if the monitor ports is use or not.

This passive tap provides a cost effective monitor solution for IDS, protocol and other analysis. They are designed for use in Ethernet, fast and GigaBit Ethernet, ATM, SONET, FDDI up to 622MB, 10 GigaBit, etc...

It holds high quality couplers and zirconia sleeve adapters. The Tap will continue to pass information in the Network also when the Analyzer is taken away.



## 2. Installation



Connect the Fiber Optic Tap as shown above.

The Tap works in Full Duplex as well as Half Duplex Mode. The information passes from one Network device to the other, the split rate decides how much is passed to the Analyzer: 50/50 split passes 50% to the Analyzer, 80/20 split passes 20% to the Analyzer.

### **Note:**

Dirt increases connector loss and can in certain cases block the signal totally. Leave the dust caps on the device if not in use. Mount back the dust caps if the Analyzer is taken away.

### 3. Fiber Types

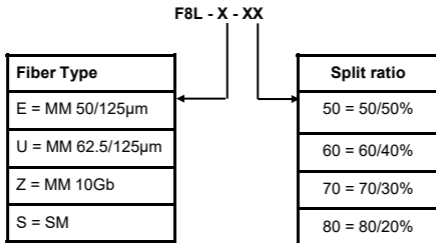
#### Maximum Insertion Loss (dB)

Split ratio	50/50	60/40	70/30	80/20
Multi Mode 50/62.5+10Gb	4.0/4.0	3.0/5.0	2.4/6.3	1.8/8.1
Single Mode	3.6/3.6	2.7/4.7	1.9/6.0	1.2/7.9

MultiMode 50/62.5µm... Dual Wavelength 850/1300nm  
 Single Mode ..... Dual Wavelength 1310/1550nm

Split ratio may vary 3-4%

#### Product Order Number:



## 4. Additional Information

**Enclosure:** Black & natural anodized aluminum

### **Environmental Specifications:**

**Operating Temperature:** -5°C to 70°C

**Storage Temperature:** -40°C to 85°C

**Humidity:** 10 to 90%, non-condensing

### **Mechanical Specifications:**

#### **Dimensions (WxDxH):**

430 x 133 x 15 mm — 16.9 x 5.2 x 0.6 in

#### **Front panel dimensions (WxH):**

484 x 15 mm — 19 x 0.6 in

#### **Weight:**

1100 g — 2.43 lb

#### **Certifications:**

RoHs, CE

## Disclaimer

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## Warranty and Liability

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