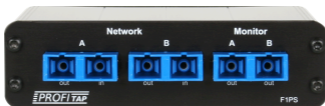
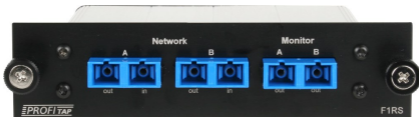


# PROFITAP

## F1S 1-Link SC Fiber Optic TAP



**F1PS Portable Model**



**F1RS Rack Mount Model**

### **CUSTOMER SUPPORT INFORMATION**

To order or for technical information support:

Phone: +31 (0) 40 782 0880

Mail order: Profitap HQ B.V.

High Tech Campus 84

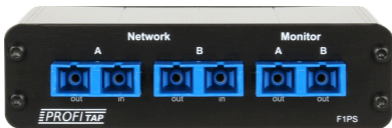
5656AG Eindhoven - The Netherlands

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

E-mail: [info@profitap.com](mailto:info@profitap.com)

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## Portable SC Fiber Optic Tap



**F1PS Stand alone model**

### 1. General Information

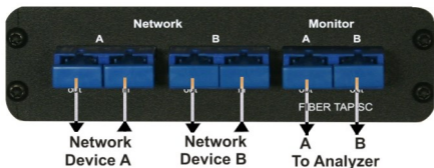
The Fiber Optic Tap offers a perfect and cost effective solution to tap Networks for IDS (security), SNMP (management), RMON (remote) and Protocol Analysis.

The unit is easy to install, fault tolerant, transparent to the Network. It monitors the communication between two Network devices and is designed for use in Ethernet, Fast and GigaBit Ethernet, ATM, SONET, FDDI Networks and more. It is “all-optical” and works at any data-rate.

It has 2 dual SC connectors for connecting Network devices plus 1 dual SC connector for connecting the Analyzer. The Tap will continue to pass information in the Network also when the Analyzer is taken away.

It is compact and housed in a rigid metal enclosure. It requires no electrical power.

## 2. Installation



Connect the Fiber Optic Tap as shown above.

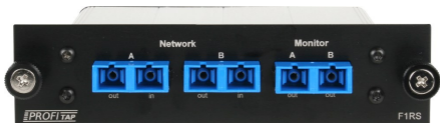
The Tap works in Full Duplex as well as Half Duplex Mode. The information passes from one Network device to the other, the split rate decides how much is passed to the Analyzer: 50/50 split passes 50% to the Analyzer, 80/20 split passes 20% to the Analyzer.

### **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. Rack Mount Modules

#### SC Fiber Optic Tap



#### **F1RS Rack mount model**

The Fiber Optic rack modules are designed to fit, together with rack mount plates, in 19 inch rack Systems. The Rack modules plug easily in the rack mount plates.



#### **Rack mounted**

## 4. Fiber Types

Maximum Insertion Loss (dB)

Split ratio	50/50	60/40	70/30	80/20
Multi Mode 50/62.5+10Gb	4.4/4.4	3.1/5.0	2.4/6.3	1.8/8.1
Single Mode	3.7/3.7	2.8/4.9	2.0/6.1	1.3/8.0

MultiMode 50/62.5 $\mu$ m... Dual Wavelength 850/1300nm

MultiMode 10Gb/50 $\mu$ m... Wavelength 850nm

Single Mode ..... Dual Wavelength 1310/1550nm

## 5. Additional Information

### Mechanical Specifications:

**Housing:** Aluminium  
Black Front panel

**Connectors:** 3 x dual SC, Zirconia sleeve

### Dimensions:

**F1PS:** 113 x 88 x 30 mm (WxDxH)

**F1RS:** 113 x 88 x 30 mm (WxDxH)

**F1RS Front Panel:** 143 x 35 mm (WxH)

### Weight:

**F1PS:** 174 g

**F1RS:** 180 g

### Environmental Specifications:

**Operating Temperature:** 0°C to 55°C

**Storage Temperature:** -10°C to 90°C

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

**Certifications:** RoHS, CE

## Disclaimer

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