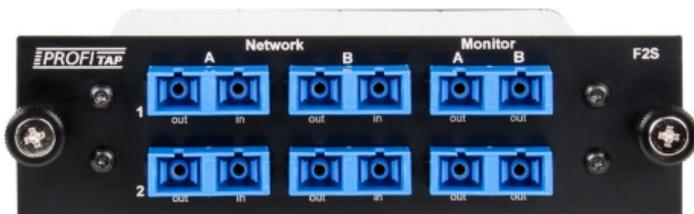


PROFITAP

F2S 2-Link SC Fiber Optic TAP



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

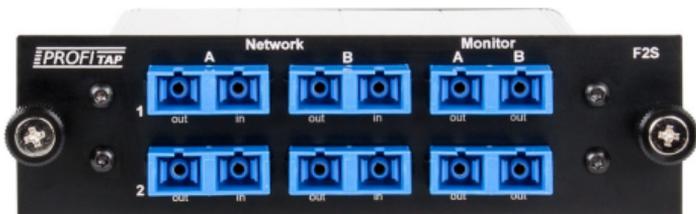
5656AG Eindhoven - The Netherlands

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Dual Port - Fiber Optic Tap



1. General Information

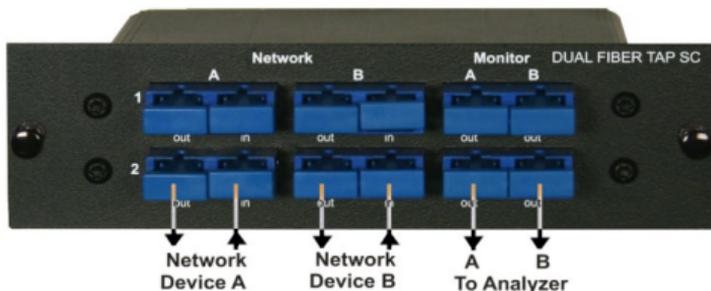
The F2S Fiber Optic Tap offers a perfect and cost effective solution to tap networks for IDS (security), SNMP (management), RMON (remote) and Protocol Analysis.

The unit is easy to install, fault tolerant and 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 functions "all-optical" and works at any data-rate.

The Dual Port Fiber Optic Tap has 3 duplex SC connectors in each network link, whereof 2 for the network and 1 for the analyzer. The tap will continue to pass information in the network even when the analyzer is taken away.

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

2. Installation



Connect the Fiber Optic Tap as shown above.

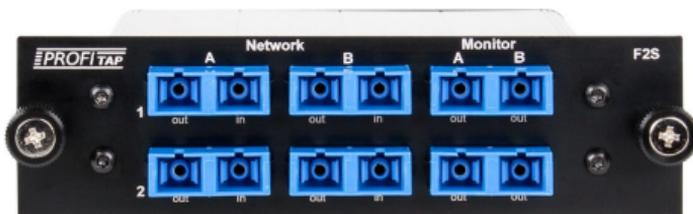
The tap works in Full Duplex as well as Half Duplex Mode. The information passes from one network device to the other, the split rate decides how much is passed to the analyzer: 50/50 split passes 50% to the analyzer, while 80/20 split passes 20% to the analyzer.

Note:

Dirt increases signal loss and can in certain cases block the signal totally. The dust caps should be put on the device when not in use. Mount back the dust caps if the analyzer is taken away.

3. Rack Mount Modules

RM-Fiber Optic Tap



The Fiber Optic rack modules are designed to fit, together with rack mount plates, in 19 inches 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 μ m... Dual Wavelength 850/1300nm

MultiMode 10Gb/50 μ m... Wavelength 850nm

Single Mode Dual Wavelength 1310/1550nm

Order information:

F2S - X* - XX**	
Fiber Type*	Split ratio**
E = MM 50/125 μ m	50 = 50/50%
U = MM 62.5/125 μ m	60 = 60/40%
Z = MM 10Gb	70 = 70/30%
S = SM 09/125 μ m	80 = 80/20%

5. Additional Information

Connectors:	2 x 3 dual SC, Zirconia sleeve
Operation temperature:	0 to 55°C
Storage temperature:	-10 to 90°C
Operating Humidity:	10 to 90%, no condensing
Approval:	CE
Enclosure:	Aluminium, black front panel
Dimensions (WxDxH):	113 x 128 x 30 mm
Weight:	250 g

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