

PROFITAP

F1x3L Dual Output LC 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

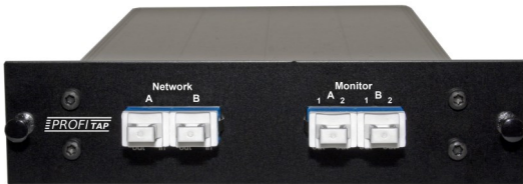
5656AG Eindhoven - The Netherlands

Website: www.profitap.com

E-mail: info@profitap.com

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F1x3L Fiber Optic Tap



1. General Information

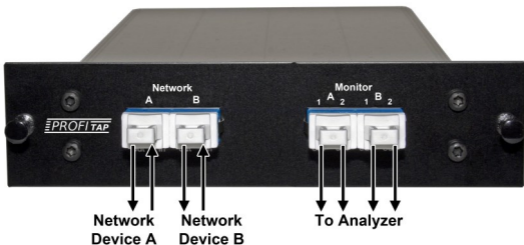
The Fiber Optic Tap offers a perfect and cost effective solution to tap Networks for IDS (security), SNMP (management), RMON (remote) and Protocol Analysis.

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 1 quad LC connector for connecting Network devices plus 1 quad LC 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 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: 50/25/25 split passes 25% to each Rx Analyzer's port, while 40/30/30 passes 30%.

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 modules

RM-Fiber Optic Tap



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	50/25/25	40/30/30
Max insertion loss Single-Mode 9 μ m	3.7 / 7.4 / 7.4	4.9 / 6.1 / 6.1
Max insertion loss Multi-Mode 50 μ m	3.8 / 7.6 / 7.6	5.0 / 6.4 / 6.4

Single-Mode 9 μ m: Dual Wavelength 1310/1550nm

Multi-Mode 50 μ m: Dual Wavelength 850/1300nm

5. Additional Information

Connectors	2 x quad LC, Zirconia sleeve
Operation temperature	-5 to 70°C
Storage temperature	-40 to 85°C
Operating humidity	10% to 90%, non-condensing
Approval	CE
Housing	Aluminium, black & natural anodized
Dimensions (WxDxH)	113 x 128 x 30 mm — 4.5 x 5 x 1.2 in
Front panel (WxH)	143 x 35 mm — 5.6 x 1.4 in
Weight	207 g — 0.46 lb

Disclaimer

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Profitap HQ B.V.
High Tech Campus 84
5656AG Eindhoven
The Netherlands



+31 (0) 40 782 0880

www.profitap.com

