



COMCRAFT

LAN & WAN TEST EQUIPMENT

USER'S MANUAL

Single Port Fiber Optic Tap LC



Portable Model



Rack Mount Model

CUSTOMER SUPPORT INFORMATION

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SA-Fiber Optic Tap



Stand alone model

1. General Information.

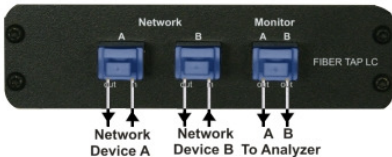
The Fiber Optic Tap offers a perfect and cost effective solution to tap Networks for IDS (security), SNMP (management), RMON (remote) and Protocol Analysis.

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 LC connectors for connecting Network devices plus 1 dual 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: 50/50 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 modules.

RM-Fiber Optic Tap



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	90/10
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	0.8/12.0

MultiMode 50/62.5 μ m... Dual Wavelength 850/1300nm
 MultiMode 10Gb/50 μ m... Wavelength 850nm
 Single Mode Dual Wavelength 1310/1550nm

5. Additional Information.

Connectors:	3 x dual LC, Zirconia sleeve
Operation temperature:	-20 to 80 °C
Storage temperature:	-25 to 85 °C
Operating Humidity:	90%, no condensing
Approval:	CE
Enclosure:	Metal, structured black oven painted
Dimensions (WxDxH):	11.3 x 8.8 x 3cm
Weight:	240gr

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Rev 3.1

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