SECURITY SYSTEM

Lightem Fiber Tap

Network TAP is a passive device that monitors network information which provides a complete picture for the monitoring and security tools to complete analysis on this traffic. It is desiralbe for a third party to monitor the traffic between two points in the network.
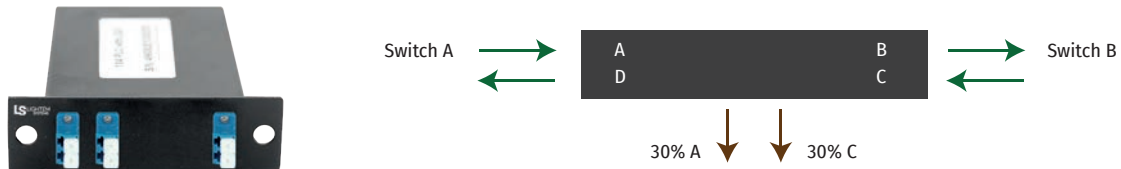
The network tap can be deployed in full duplex two fibers or single fiber network. It is entirely protocol transparent. It is packaged in a rackmountable module ready for dense deployment

FEATURES

- Network Tap provides forensics packet capture data
- Monitoring 100% data in real time and passively
- Low insertion loss
- Wide operating wavelength
- Compact size
- Excellent environmental & mechanical stability

SPECIFICATIONS

DUPLEX FIBER TAP WITH 30/70 MONITOR RATIO

Operating Wavelength	1310 or 1550 nm ; Others on Request
Bandwidth	+/- 40 nm
Insertion Loss -	
A -> B & C -> D	2.4 dB
A -> 30% A & C -> 30% C	6.8 dB
PDL	≤0.1 dB
Directivity	≥55 dB
Fiber Type	SMF-28e Compatible ; Others on Request
Working Temperature	-40 ~ +85°C
Dimension	90x88x26mm

SIMPLEX FIBER TAP WITH 30/70 MONITOR RATIO

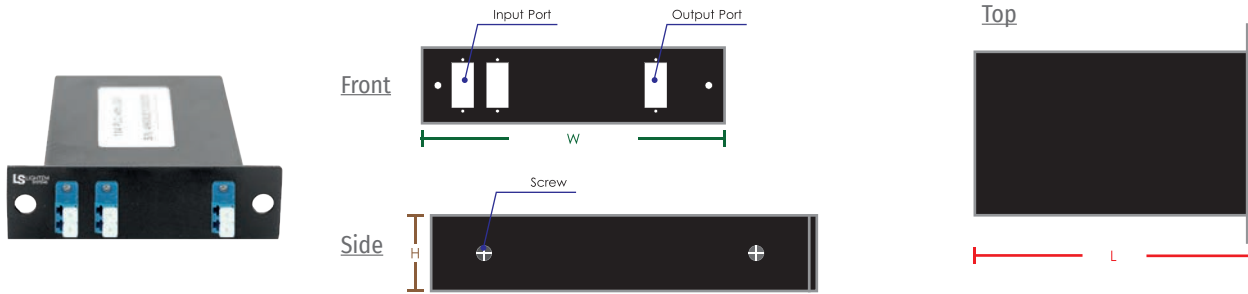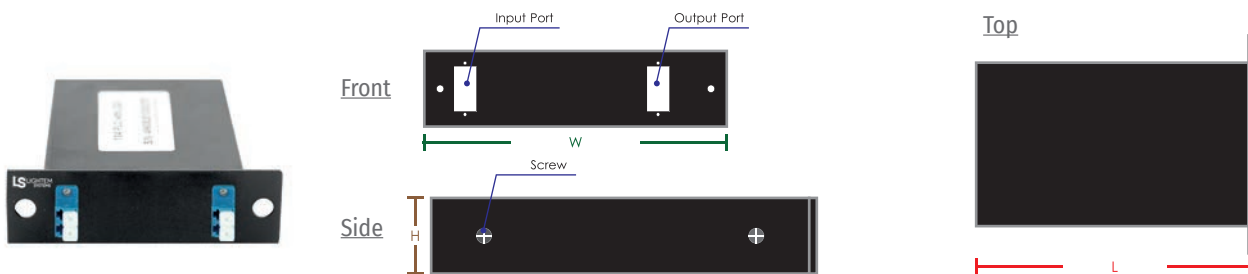|			
Operating Wavelength (1310)	1310 or 1550 nm +/- 40 nm	Polarization Mode Dispersion	<0.10 dB
Operating Wavelength (C Brand)	1550 nm +/- 40 nm	Return Loss	>50 dB
Insertion Loss -		Optical Power Handing	<500 W
A -> B & B -> A	3.8 dB	Working Temperature	0 ~ +70°C
A -> 30% A & B -> 30% B	7.5 dB	Dimension	90x88x26mm
Wavelength Dependent Loss	≤0.15 dB		
Channel Peak Isolation	>40 dB		
Channel Minimum Isolation	>50 dB		
Channel Cross Talk	>50 dB		
Polarization Dependent Loss	<0.15 dB		

SECURITY SYSTEM

PACKAGE DIMENSIONS

DUPLEX FIBER TAP, IT WILL FEATURE 6X LC PORTS (3X DUPLEX LC)

Input Port   Output Port

Front

W

Screw

Side

H

Top

L

SIMPLEX FIBER TAP, IT WILL FEATURE 4X LC PORTS (2X DUPLEX LC)

Input Port   Output Port

Front

W

Screw

Side

H

Top

L

19" RACKMOUNT CHASSIS

*Pictures shown are for reference only

ORDERING INFORMATION

P/N	Descriptions
LFP-DF3070	Duplex Fiber Tap with 30/70 monitor ratio
LFP-SF3070	Simplex Fiber Tap with 30/70 monitor ratio