

### Overview

OSC1000 optical Tap is a high density and complete passive fiber TAP on critical network links. It enables scalable network visibility and performance monitoring, as well as management infrastructure upgrades, without network downtime and lost revenue.

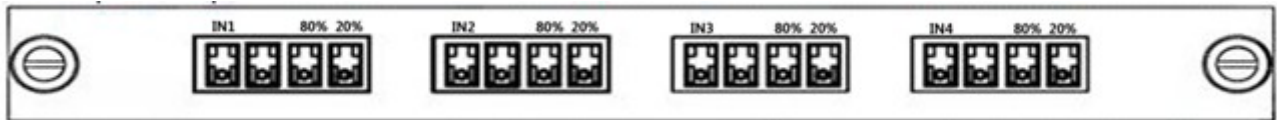
OSC1000 features high quality splitters that provide 100% uptime. Network operators are able to deploy a failsafe network access device without the concern of introducing a point of network failure. When used in

conjunction with a network packet broker or monitoring device, future upgrades are possible without network downtime. Additionally, high-density fiber TAPs use very little real estate in often over-crowded network data centers.

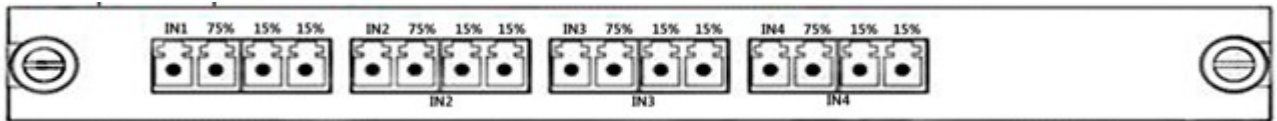


### Front Panel

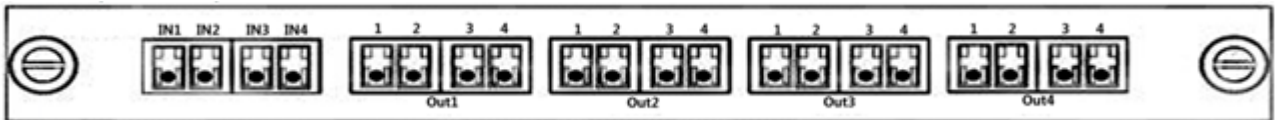
1-to-2 TAP



1-to-3 TAP



1-to-4 TAP



### Order Information

#### OSC[ABCD]-[XYZ]

A	BC	D	X	Y	Z
Series	No. of TAP Ports	Channel Number	-	Fiber Mode	Split Ratio
1 : 1000 series	12: 1-to-2 TAP 13: 1-to-3 TAP 14: 1-to-4 TAP	4: 4 channels	1	0: Single-mode 1: Multi-mode	For 1-to-2 TAP: 2 - 20:80 3 - 30:70 4 - 40:60 5 - 50:50  For 1-to-3 TAP: 1 - 15:15:70  For 1-to-4 TAP: 2 - 25:25:25:25

## Specifications

### 1-to-2 TAP (Single-mode):

Splitting Ratio (%)		20:80	30:70	40:60	50:50
Operating Wavelength (nm)		1310, 1550 or others			
Insertion Loss (dB)	Typical	7.5/1.2	5.7/1.9	4.4/2.6	3.4
	Maximum	8.0/1.4	6.0/2.0	4.7/2.8	3.6
Polarization Dependent Loss (dB)	Typical	0.1	0.1	0.1	0.1
	Maximum	0.15	0.15	0.15	0.15
Directivity (dB)	Minimum	55	55	55	55

### 1-to-2 TAP (Multi-mode):

Splitting Ratio (%)		20:80	30:70	40:60	50:50
Operating Wavelength (nm)		1310, 1550 or others			
Insertion Loss (dB)	Typical	7.5/1.2	5.7/1.9	4.4/2.6	3.4
	Maximum	8.0/1.4	6.0/2.0	4.7/2.8	3.6
Polarization Dependent Loss (dB)	Typical	0.1	0.1	0.1	0.1
	Maximum	0.15	0.15	0.15	0.15
Directivity (dB)	Minimum	55	55	55	55

### 1-to-3 TAP (Multi-mode):

Splitting Ratio (%)		70:15:15
Operating Wavelength (nm)		850
Operating Bandwidth (nm)		± 40
Insertion Loss (dB)	Maximum	2.3 / 8.8 / 8.8
Directivity (dB)	Minimum	40
Fiber Type		OM3

## Operating Environment

Operating Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +85°C
Relative Humidity	≤95% (+40°C)
Atmospheric Pressure	70kPa ~ 106kPa