# EmbedWay

# OSC1000 | Optical TAP

### **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.

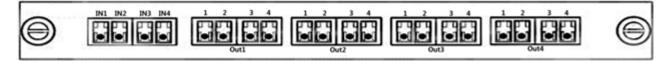


## **Front Panel**

1-to-2 TAP

# Imi 80% 20% Imi Imi Imi 80% 20% Imi Imi 80% 20% Imi Imi Imi 80% 20% Imi Imi

1-to-4 TAP



# **Order Information**

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

Α	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

#### QuickSpec

# **Specifications**

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

Splitting Ratio (%)		20:80	30:70	40:60	50:50
Operating Wavelength	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
Delevization Dependent Loss (dD)	Typical	0.1	0.1	0.1	0.1
Polarization Dependent Loss (dB)	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	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 (nn	850	
Operating Bandwidth (nm	± 40	
Insertion Loss (dB)	Maximum	2.3 / 8.8 / 8.8
Directivity (dB)	Minimum	40
Fiber Type	ОМЗ	

#### **Operating Environment**

Operating Temperature	-40℃ ~ +85℃
Storage Temperature	-40℃ ~ +85℃
Relative Humidity	<b>≪95%</b> (+ <b>40</b> ℃)
Atmospheric Pressure	70kPa ~ 106kPa

 400-009-4966
 marketing@embedway.com

Copyright © 2016, EmbedWay Technologies (Shanghai) Corporation. All rights reserved. EmbedWay Technologies assumes no responsibility for any inaccuracies in this document. EmbedWay Technologies reserves the right to change, modify, transfer, or otherwise revise this publication without notice.

www.embedway.com