Optical Switch For Testing

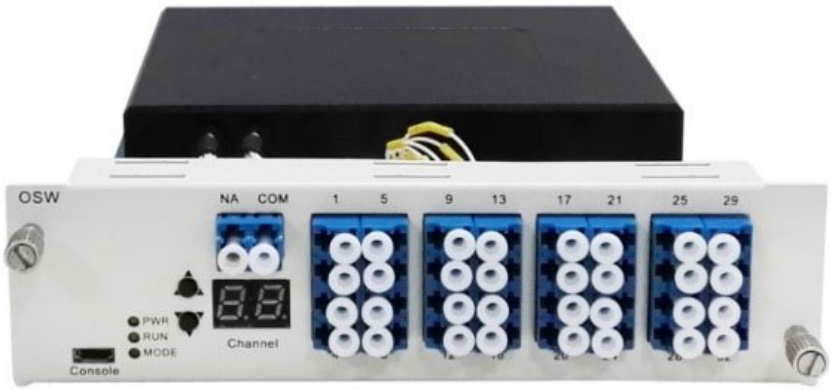
(850nm/1310nm/1550nm/1610nm, 1x8,1x16,1x32,1x64)

Features

- High Accuracy
- Large Channel
- Low Cost
- Ease in Use
- Net Ready

Product Description

This OSNT optical Switch Pluggable Module series is designed for network and laboratory test applications, featuring high accuracy and low cost. The most common configuration is 1 fiber input switchable to N fiber output. LC connector is standard. It is totally passive without signal distortion up to 100GHz and compatible with Agiltron net-ready rack (carry service platform) that simultaneously controls multiple modules with 1U, 2U,4U, and 6U options. For each module, up to 64 channel can be scanned using a computer via an Ethernet connection. Multiple modules (large numbers of channels) can be displayed on one GUI. Custom configurations of hardware and software are available, such as 2 input and 64 outputs. We offer a wide range of switching speed options.



Performance Specifications

Parameters	Min	Typical	Max	Unit
Center Wavelength	850,	1310, 1550,	1610	nm
Repeat Accuracy		0.1		dB
Crosstalk	55	10	70	dB
Wavelength Dependent Loss			0.25	dBm
Polarization Dependent Loss			0.05	dB
Cannel Number	8		64	
Channel Crosstalk	55		80	dB
Switching Speed	0.1	5	80	ms
Interface		Service rack	pluggable	
Power Consumption			1	w
Operating Temperature	-10		50	°C
Storage Temperature	-45		85	°C
Humidity	5-95		(no condensation)	%

Applications

- Laboratory Uses
- Testing
- Net Management

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15 Presidential Way, Woburn, MA 01801 Tel: (781) 935-1200 Fax: (781) 935-2040
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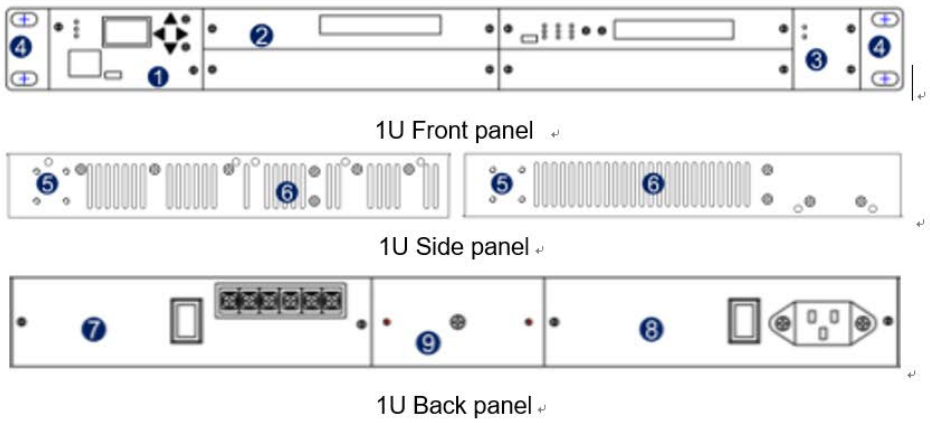
Dimensions (Unit: mm)

Size	1U	mm	482.6W×300D×44.5H
	2U	mm	482.6W×300D×86H
	4U	mm	482.6W×300D×176H



*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

Electrical/Computer Connection

SNMPv1, Monitor Online, Simple Management Tool

Power Supply	AC	V	85~264,50~60hz
	DC	V	36~72

Ordering Information

OSNT-	□□	□	□	□	□	□	□	□	□
	Channel Number	Wavelength	Polarizattion	Optical Power	Speed	Fiber Type	Power Supply	Number of Power Supply	Connector
	8=8 12=12 24=24 32=32 64=64	850nm=8 1550nm=5 1610nm=6 1310=3 special =0	random=1 maintaining=2	<300mW=1 <500mW=2 <1W =3 <2W =4 <3W =5	10ms =1 100ms=2 0.1ms =3	SM28=1 50/125=2 60/125=3 105/125=4	110-250V=1 36-72V =2	singel=1 dual =2	LC/PC=1 FC/PC=2 FC/APC=3 SC/PC=4 SC/APC=5 Special=0

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