

Optical Time-domain Reflectometer (OTDR)

(-70dB, 850nm/1310nm/1550nm/1610nm, 16 Channels)

Product Description

This OTPM series of the module is designed for network monitoring and laboratory test applications, featuring high accuracy, large dynamic range, and low cost. It can be used as inline passing through monitor with low insertion loss and totally passive without signal alternation up to 100GHz. It is compatible with Agiltron net-ready rack (carry service platform) that simultaneously controls multiple modules with 1U, 2U,4U, and 6U platform options. It can also be used as a laboratory optical power meters. For each module, up to 16 channel live power measurement can be displayed on a computer via an Ethernet connection. Multiple cards (large numbers of channels) can be displayed on one GUI. Custom configurations of hardware and software are available.



Performance Specifications

Parameters	Min	Typical	Max	Unit
Center Wavelength	850,	1310, 1550,	1610	nm
Bandwidth		+/-20		nm
Power Monitoring Accuracy	5	10	+/-25	dB
Power Measurement Range	-70		3	dBm
Insertion Loss			1	dB
Channel Crosstalk	55		80	dB
Channel Selection		4/8/16		
Interface		Service rack	pluggable	
Power Consumption			1	W
Operating Temperature	-10		50	°C
Storage Temperature	-45		85	°C
Humidity	5-95		(no condensation)	%

Features

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

Applications

- Laboratory Uses
- Testing
- Net Management

Dimensions (Unit: mm)

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

Electrical/Computer Connection

SNMPv1, Monitor Online, Simple Management Tool

Ordering Information

OTDR-	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	1	1	1	<input type="checkbox"/>
	Channel Number	Wavelength	Polarization					Connector
	4=04	850nm=8	random=1					LC/PC=1
	8=08	1550nm=5	maintaining=2					FC/PC=2
	12=12	1610nm=6						FC/APC=3
		1310=3						SC/PC=4
								SC/APC=5
								Special=0