

Mini TAP-PD Monitor

Features

- Low Insertion Loss & high isolation
- Customized tap ratio available
- Integrated devices, compact size
- Telcordia compliant
- RoHS compliant

Applications

- WDM channel monitoring
- Gain monitoring for amplifiers
- Optical network switch/protection monitoring



Specifications

Parameter	Raman Pump Combiner			Unit	
Operating Wavelength		C/L band			
Tap Ratio		1%	2%	5%	
Maximum Input Power		25	22	18	dBm
Responsivity		7~15	14~26	40~60	mA/W
Insertion Loss	Max	0.5	0.6	0.7	dB
Wavelength Dependent Loss	Max	0.3	0.3	0.3	dB
Temperature Dependent Loss	Max	0.3	0.3	0.3	dB
Return Loss	Min	45	45	45	dB
Polarization Dependent Loss	Max	0.1	0.1	0.1	dB
Dark Current (at 25°C)	Max	1	1	1	nA
Reverse Voltage	Max	20 (Typ 5)			V
Operating Temperature Range		0~+70			°C
Storage Temperature Range		-40~+85			°C
Package Dimension (L*Ø)		17*3.2			mm

Order Guide

TPD	Standard/Mini Size	Tap Ratio	Fiber Type	Connector Type
	M: Mini size	01: 1%	1: 250µm bare fiber	0: Without connector
		02: 2%	2: 900µm tight buffer fiber	1: FC/PC 2: FC/UPC 3: FC/APC
		05: 5%		4: SC/PC 5: SC/UPC 6: SC/APC
				7: ST 8: LC 9: MU X: Customized