

ECO SERIES SINGLE CHANNEL INTEGRATED TAP MONITORS

ITMS Eco Series

Features

- ◆ Low Insertion Loss
- ◆ Space Saving Coaxial Package
- ◆ Cost Effective
- ◆ RoHS 6/6 Compliant

Applications

- ◆ OADM
- ◆ Optical Protection
- ◆ EDFAs and Raman Amplifiers
- ◆ Instrumentation

Performance Specification

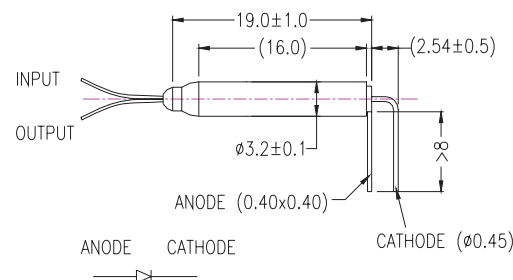
*All spec excluding connectors

Parameters	Specification		Unit
Operating Wavelength Range	1260~1360	1510~1610	nm
Through	Insertion Loss	1%, 2%	≤ 0.4
	(@ λ_{op} , T_{op} , All SOP, exclude connector)	5%	≤ 0.6
		10%	≤ 0.9
	Polarization Dependent Loss		≤ 0.05
Return loss (exclude connector)		≥ 45	dB
Tapped Monitoring	Responsivity	1%	NA
	(relative to nominal power at input port)	2%	10~23
		5%	26~59
		10%	52~110
			7~14
Responsivity Temperature Dependence (@1310nm or 1550nm)			≤ 0.5
Responsivity Polarization Dependence			≤ 0.15
PD	PD Dark Current (@ 70°C, -5V bias)		≤ 10 (typical 3)
	Reverse Voltage		≤ 20
	Forward Current		≤ 10
Conditions	Input Optical Power	1%	≤ 25
		2%	≤ 23
		5%	≤ 19
		10%	≤ 16
Operating Temperature Range		-5 to +70	°C
Storage Temperature Range		-40 to +85	°C
Fiber Type	SMF-28		



Dimension

Mini [P8 + 250μm Bare Fiber] Package:



Ordering Information

