

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

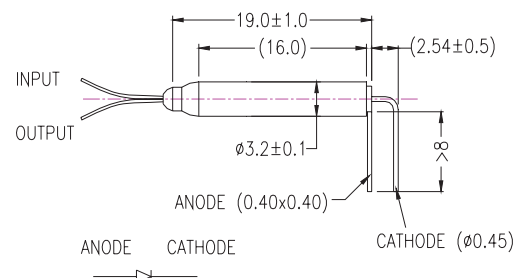
**All spec excluding connectors*

Parameters	Specification	Unit	
Operating Wavelength Range	1260~1360 1510~1610	nm	
Through	Insertion Loss (@ λ_{op} , T_{op} , All SOP, exclude connector)	1%, 2% 5% 10% ≤ 0.4 ≤ 0.6 ≤ 0.9	dB
	Polarization Dependent Loss	≤ 0.05	dB
	Return loss (exclude connector)	≥ 45	dB
Tapped Monitoring	Responsivity (relative to nominal power at input port)	1% NA 7~14 2% 10~23 14~25 5% 26~59 35~65 10% 52~110 70~120	mA/W
	Responsivity Temperature Dependence (@1310nm or 1550nm)	≤ 0.5	dB
	Responsivity Polarization Dependence	≤ 0.15	dB
	PD Dark Current (@ 70°C, -5V bias)	≤ 10 (typical 3)	nA
	Reverse Voltage	≤ 20	V
PD	Forward Current	≤ 10	mA
Conditions	Input Optical Power	1% ≤ 25 2% ≤ 23 5% ≤ 19 10% ≤ 16	dBm
	Operating Temperature Range	-5 to +70	°C
	Storage Temperature Range	-40 to +85	°C
	Fiber Type	SMF-28	

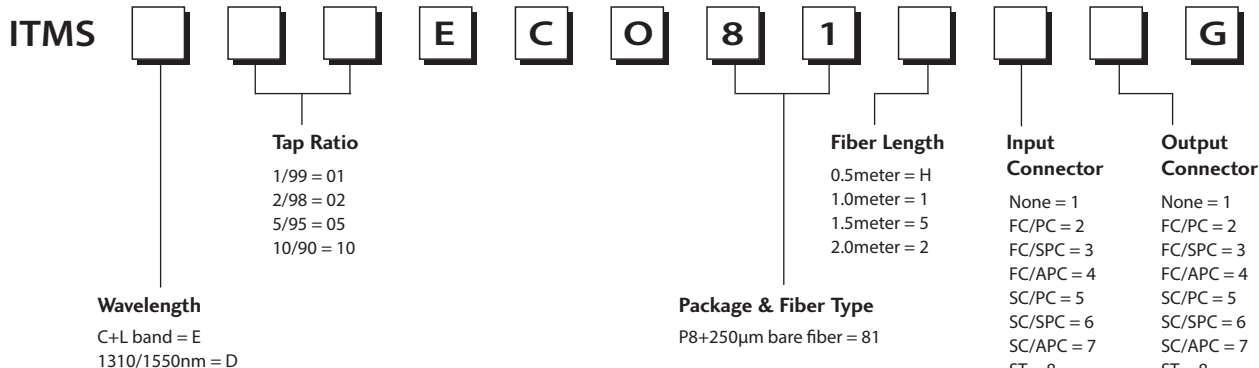


Dimension

Mini [P8 + 250 μ m Bare Fiber] Package:



Ordering Information



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