

# ECO SERIES SINGLE CHANNEL INTEGRATED TAP MONITORS

## ITMS Eco Series

### Features

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

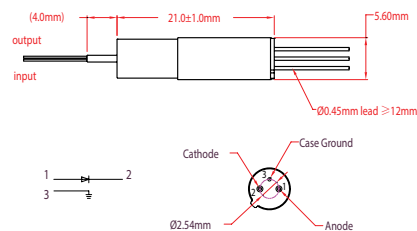
### Applications

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

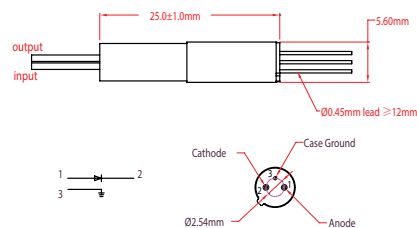


### Dimension

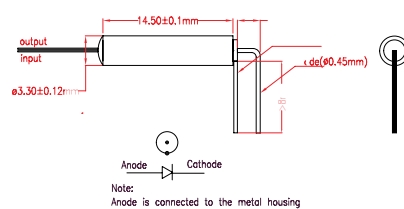
#### Regular [P6 + 250μm Bare Fiber] Package:



#### Regular [P7 + 900μm Loose Tube] Package:



#### Mini [P8 + 250μm Bare Fiber] Package:



### Performance Specification

\*All spec excluding connectors

Parameters	Specification	Unit
Operating Wavelength Range	1260~1360    1510~1610	nm
Through	Insertion Loss (@ λ <sub>op</sub> , T <sub>op</sub> , All SOP, exclude connector)	1%, 2% 5% 10%    ≤ 0.4 ≤ 0.6 ≤ 0.9
	Polarization Dependent Loss	≤ 0.05
	Return loss (exclude connector)	≥ 45
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
	Responsivity Temperature Dependence (@1310nm or 1550nm)	≤ 0.5
	Responsivity Polarization Dependence	≤ 0.15
	PD Dark Current (@ 70°C, -5V bias)	≤ 10 (typical 3)
	PD	Reverse Voltage    ≤ 20    V Forward Current    ≤ 10    mA
Conditions	Input Optical Power	1%    ≤ 25 2%    ≤ 23 5%    ≤ 19 10%    ≤ 16
	Operating Temperature Range	-5 to +70
	Storage Temperature Range	-40 to +85
	Fiber Type	SMF-28

### Ordering Information

