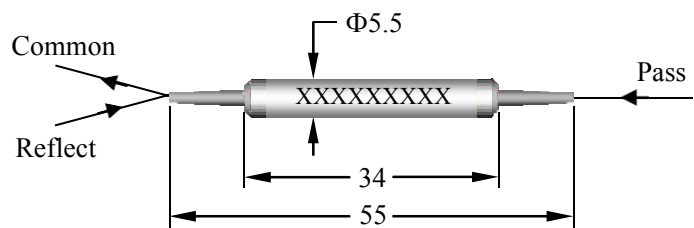


## Polarization Maintaining Filter Wavelength Division Multiplexer (T1550R13101490)

### 1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability



### 2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system

### 3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

#### 4. Specifications:

Parameter	Type	Units	Values
Pass Band Wavelength Range		nm	1550±15
IL over Pass Band		dB	≤0.7
Pass band Isolation		dB	≥30
Reflection Band Wavelength Range		nm	1310±40&1490±10
IL over Reflection Band (Input2→Output)		dB	≤0.5
Reflection Band Isolation		dB	≥13
Extinct Ratio		dB	≥20
Optical Return Loss		dB	≥50
Power Handling (Max)		mW	≤500
Thermal Stability		dB/°C	≤0.005
Tensile Load		N	≤5
Operating Temperature Range		°C	-5 to 70
Storage Temperature Range		°C	-40 to 85
Fiber type		---	1550 Panda fiber or 1310 Panda fiber

\*The specifications are w/o connector.

\* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

\* For device with connector, key aligned to slow axis.

#### 5. Product Ordering information:

PMFWDM		XX	X	X	XXX	XX	XX
Product Description	Port Type	Operating Wavelength	Pigtail Type	Fiber Type	Com&Ref&Pass Connector Type	Package Size	Fiber Length
P=Polarization	1X2	T98R15	0=250um	1=PM98	0=None	34=5.5×34	05=0.5m
M=Maintaining		T15R98	1=900um	2=PM15	1=FC/UFC	35=5.5×35	08=0.8m
FWDM		T15R1314		3=PM13	2=FC/APC	38=5.5×38	10=1.0m
				4=others	3=SC/UPC		12=1.2m
					4=SC/APC		