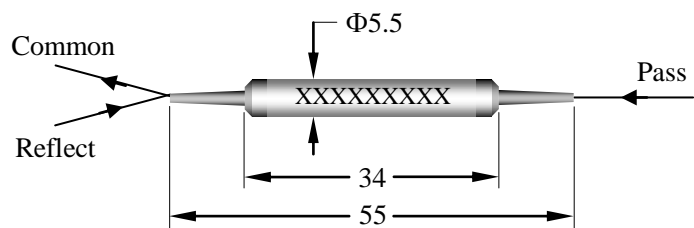


Polarization Maintaining Filter Wavelength Division Multiplexer (T1550R980 & T980R1550)

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	1530~1580 or 980+/-20
IL over Pass Band		dB	≤0.7
Pass band Isolation @ 980+/-20nm		dB	≥30
Reflection Band Wavelength Range		nm	980+/-20 or 1530~1580
IL over Reflection Band (R→C)		dB	≤0.5
Reflection Band Isolation @ 1530~1580nm		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, for Com and Pass; 980 Panda&HI1060 fiber for Reflect.
Fiber length		m	>0.75

*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	T98R06	0=250um	1=PM98	0=None	34=5.5×34	05=0.5m
M=Maintaining		T06R98	1=900um	2=PM15	1=FC/UFC	35=5.5×35	08=0.8m
FWDM		T98R15		3=PM13	2=FC/APC	38=5.5×38	10=1.0m
		T15R98		4=others	3=SC/UPC		12=1.2m
					4=SC/APC		

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