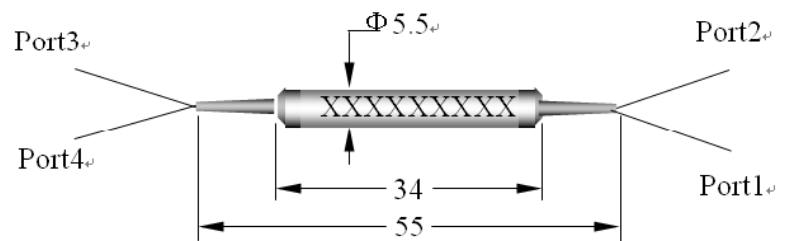


Polarization Maintaining Filter Wavelength Division Multiplexer (PMFWM-2X2-T1060/R980&T1550R980&T1480R1550)

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:

Parameters		Type	Unit	Values		
Pass Band Port1→Port3 Port4→Port2	Wavelength Range		nm	960-990	1530-1570	1460-1500
	Typical. Insertion Loss		dB	0.7	0.6	0.6
	Insertion Loss		dB	≤1.1	≤1.0	≤1.0
	Typical. Isolation @ RB		dB	30		
	Isolation @ RB		dB	≥25		
Reflection Band Port2→Port1 Port3→Port4	Wavelength Range		nm	1040-1080	960-1000	1530-1570
	Typical Insertion Loss		dB	0.4		
	Insertion Loss		dB	≤0.6		
	Typical Isolation @ PB		dB	15		
	Isolation @ PB		dB	≥12		
Extinction Ratio			dB	≥20		
Return Loss			dB	≥50		
Power Handling			mW	≤300		
Fiber Type			um	PM 980 Panda fiber & PM 1550 Panda fiber		
Tensile Load			N	≤5		
Operating Temperature			°C	-5 to +70		
Storage Temperature			°C	-40 to +85		

*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	Port1&2&3&4 Connector Type	Package Size	Fiber Length
P=Polarization	2X2	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
		T98R06		4=others	3=SC/UPC		12=1.2m
		T06R98			4=SC/APC		

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