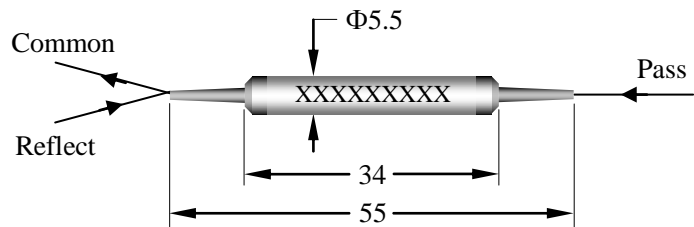


## Filter Wavelength Division Multiplexer (T1060R980 & T980R1060)

### 1. Features:

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



### 2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- EDFA



### 3. Compliance:

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

**4. Specifications:**

Parameters		Type	Unit	Values
Pass Band	Wavelength Range		nm	1030~1080 or 960~990
	Typ. Insertion Loss		dB	0.6
	Insertion Loss		dB	≤0.8
	Typ. Isolation		dB	30
	Isolation		dB	≥25
Reflection Band	Wavelength Range		nm	960~990 or 1030~1080
	Typ. Insertion Loss		dB	0.3
	Insertion Loss		dB	≤0.5
	Typ. Isolation		dB	15
	Isolation		dB	≥12
Return Loss			dB	≥50
Extinction Ratio			dB	≥20
Thermal Stability			dB/°C	≤0.005
Power Handling			mW	≤300
Tensile Load			N	≤5
Fiber Type				PM 980 Panda Fiber
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:**

FWDM		X X	X	X	XXX	XX	XX
Product Description	Port Type	Operating Wavelength	Pigtail Type	Fiber Type	Com&Ref&Pass Connector Type	Package Size	Fiber Length
FWDM	1X2	T98R06	0=250um	1=HI1060	0=None	34=5.5×34	05=0.5m
		T06R98	1=900um	4=others	1=FC/UFC	35=5.5×35	08=0.8m
					2=FC/APC	38=5.5×38	10=1.0m
					3=SC/UPC		12=1.2m
					4=SC/APC		

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