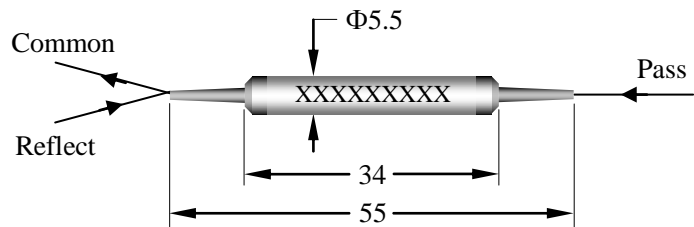


## Filter Wavelength Division Multiplexer (T1550R980 & T980R1550)

### 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:

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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		---	Option1:R@HI1060;C&P@smf-28e Option2: R@ smf-28e;C&P@ HI1060
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:

FWDM		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
FWDM	1X2	T98R06	0=250um	1=Option1	0=None	34=5.5×34	05=0.5m
		T06R98	1=900um	2=Option2	1=FC/UFC	35=5.5×35	08=0.8m
		T98R15		4=others	2=FC/APC	38=5.5×38	10=1.0m
		T15R98			3=SC/UPC		12=1.2m
					4=SC/APC		

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