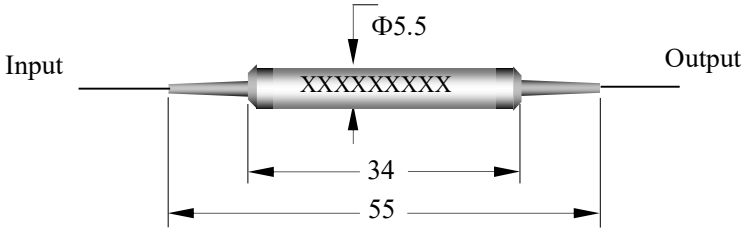
Polarization Maintaining Band Pass Filter 1064/1053nm (PMBPF-1064/1053)

1. Features:

- Low insertion loss
- High power handing
- 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
Center Wavelength	nm	1064/1053 ±1or±0.5
Insertion Loss over pass band	dB	≤0.8
Wavelength Suppression (1020～1058&1070～1100nm)	dB	25 (for 1064±1nm)
Wavelength Suppression (1000～1054&1074～1100nm)	dB	25 (for 1064±0.5nm)
Wavelength Suppression (1000～1048&1058～1100nm)	dB	25 (for 1053±0.5nm)
Pass Bandwidth at 0.5dB	nm	2、4、8 or special
Stop Bandwidth at 25dB	nm	≤22
Return Loss	dB	≥50
Extinction Rate	dB	≥20（Only for PM fiber）
Polarization Dependent Loss	dB	≤0.10（Only for HI1060 fiber）
Thermal Stability	dB/℃	≤0.005
Power Handing (Continuous)	W	1, 3, 5 ,10or specify
Fiber Type	/	HI1060 or SM98-PS-U25A
Tensile Load	N	≤5
Operating Temperature Range	°C	-5 to 70
Storage Temperature Range	°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:

HPBPF	X X	X	X	X	X	X	XX	XX
Product Description	**Operating Wavelength**	**Power Handing**	**Pigtail Type**	**Fiber Type**	**Input Connector Type**	**Output Connector Type**	**Package Size**	**Fiber Length**
PMBPF	06=1064nm	1=1W	0=250um	0=SMF-28e	0=None	0=None	34=Φ5.5×L34	05=0.5m
		3=3W	1=900um	1=HI1060	1=FC/UFC	1=FC/UFC	35=Φ5.5×L35	08=0.8m
		……	2=2mm	4=other	2=FC/APC	2=FC/APC	38=Φ5.5×L38	10=1.0m
			3=3mm		3=SC/UPC	3=SC/UPC		12=1.2m
					4=SC/APC	4=SC/APC		
					5=LC/UPC	5=LC/UPC		
					6=LC/APC	6=LC/APC		

E-mail: sales@shenjiantx.com

Web ： http://www. shenjiantx.com