

Polarization Maintaining Filter WDM (PMFWDM)

Features

Low insertion loss
High extinction ratio
High stability & Reliability

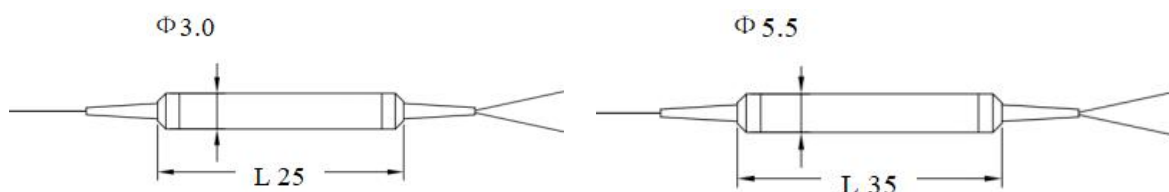
Applications

Fiber Amplifier
Fiber sensor
Fiber Laser Marking
Laboratory R&D

Parameter		Polarization Maintaining filter WDM	Unit
		T1480/R1550	
Pass band (PB)	Wavelength range	1460-1500	nm
	Insertion loss	≤ 0.7	dB
	Isolation @RB	≥ 25	dB
Reflection band (RB)	Wavelength range	1530-1570	nm
	Insertion loss	≤ 0.5	dB
	Isolation @PB	≥ 12	dB
Extinction ratio (Only for signal port)		≥ 20	dB
Return loss		≥ 50	dB
Handling power		≤ 300	mW
Fiber type		PM fiber for Common port and Pass port; PM fiber or SMF-28e/Hi1060 fiber for Reflection port	/
Operating temperature		-5 to +70	°C
Storage temperature		-40 to +85	°C
Dimensions		$\Phi 5.5 \times L35$ or $\Phi 3.0 \times L25$	mm

* IL is 0.3dB (1310~1550nm) or 0.5dB (980~1064nm) higher, RL is 5dB lower and ER is 2dB lower for each connector added. The default connector key is aligned to slow axis.

Mechanical Dimension



Ordering Information

specification	GCPMFWDM
Port Number	1×2
Reflection wavelength	Specify
Transmission wavelength	Specify
Fiber Type	Specify
Pigtail Type	0=250μm, 1=900μm, 4=others
Package	5.5× 35 etc.
Connector	FC/UPC, FC/APC etc