

Polarization Maintaining Filter Wavelength Division Multiplexer (DL-PMFWDM-WWWW-X-Y-Z)

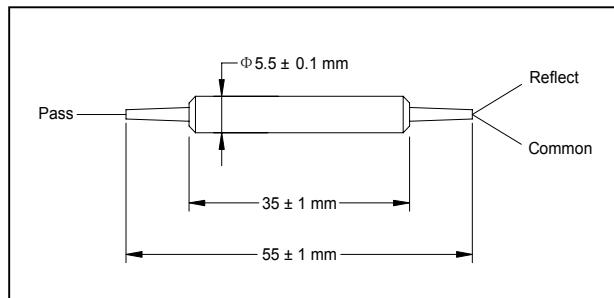
The PMFWDM series maintains signal polarization and also provides wavelength division multiplexing. It is manufactured from environmentally stable thin film filter and provides high extinction ratio, low insertion loss, and high return loss. It is very suitable for high speed WDM network systems.

A. Specifications

Parameter		Value			Unit
Pass Band	Wavelength Range	1270 - 1350 (1530 - 1600)	1450 - 1490 (1530 - 1600)	1500 - 1520 (1530 - 1570)	nm
	Max. Insertion Loss	0.6	0.6	0.7	dB
	Min. Isolation	25	25	25	dB
Reflection Band	Wavelength Range	1530 - 1600 (1270 - 1350)	1530 - 1600 (1450 - 1490)	1530 - 1570 (1500 - 1520)	nm
	Max. Insertion Loss		0.5		dB
	Min. Isolation		12		dB
Min. Return Loss		50			dB
Min. Extinction Ratio		20			dB
Thermal Stability		0.005			dB/°C
Max. Optical Power (Continuous Wave)		300			mW
Operating Temperature		-5 to +70			°C
Storage Temperature		-40 to +85			°C

*IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

B. Package Dimensions



C. Ordering Information

DL-PMFWDM-WWWW-X-Y-Z

WWWW: Wavelength

3155 - 1310 Pass/1550 Reflect

5531 - 1310 Reflect/1550 Pass

4855 - 1480 Pass/1550 Reflect

5548 - 1480 Reflect/1550 Pass

5155 - 1510 Pass/1550 Reflect

5551 - 1510 Reflect/1550 Pass

X: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

Y: Fiber Type (1550 PM)

B - 250 μm Panda fiber

D - 400 μm Panda fiber

L - 900 μm loose tube

S - Specify

Z: Fiber Length

Q - 0.75 m

S - Specify