

Description:

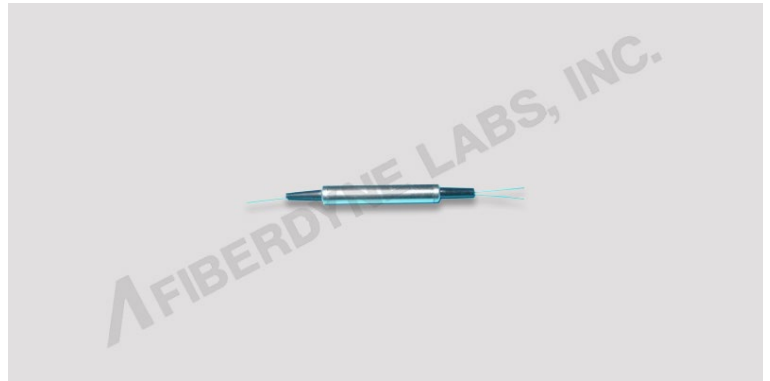
Polarization Maintaining (PM) CWDM Filter

Features:

- High Isolation
- Low Insertion Loss
- Complies with RoHS
- Wide Band Pass

Applications:

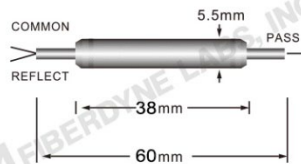
- Fiber Sensing
- Coherent Optics
- Fiber Laser
- PM EDFA



Specifications:

Parameters		Unit	Specification
Center Wavelength		nm	1270/1290.../1610
			1271/1291.../1611
Channel Spacing		nm	20
Bandwidth @-0.5dB		nm	≥13 (20nm channel spacing)
Pass Channel	Insertion Loss	dB	≤0.8
	Adjacent/Non-Adjacent Isolation		>25 / >35
	Ripple		≤0.5
Reflect Channel	Insertion Loss	dB	≤0.6
	Isolation		≥12
Return Loss/Directivity (Typical)		dB	≥45 / ≥45
Extinction Ratio (@23°C)		dB	≥18
Power Handling		mW	300
Operating Temperature		°C	-5~70
Fiber Type			PM Fiber

For device with connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.



F	D	C	W	0	0	2	X	X	X	X	X	X	X	X	-	PM	-	XX
				5	6	7	8	9	10	11	12	13	14	15		16-17		18-19
Fiberdyne Labs, Inc. PM CWDM Filter																		

5th Digit	Function	0 = 1 x 2
6th Digit	Channel	0 = Reserved
7th Digit	Channel Spacing	2 = 20nm
8th - 11th Digits		1270 = 1270/1271 1290 = 1290/1291 1590 = 1590/1591 1610 = 1610/1611
12th Digit	Packaging	1 = Steel Tube H = Heavy Duty
13th Digit	Fiber Type	1 = 250µm 9 = 900µm 2 = 2mm 3 = 3mm
14th Digit	Fiber Length	1 = 1 meter X = Custom
15th Digit	Connector Type	0 = None 1 = ST/UPC 6 = SC/UPC 7 = FC/UPC A = FC/APC B = SC/APC L = LC/UPC N = LC/APC X = Custom
16th & 17th Digits	Polarization Maintaining	PM= PM Fiber
18th & 19th Digits	Axis Alignment	00= No Connectors SA= Slow axis working and Fast axis blocked BA= Both axis working

Example: FDCW0021550191A-PM-SA

This gives you Fiberdyne Labs PM CWDM Filter, 1x2, 1550nm, 1 Meter 900um, FC/APC Connectors, Key Aligned to Slow Axis