HJ OPTRONICS

4055 Filan Way
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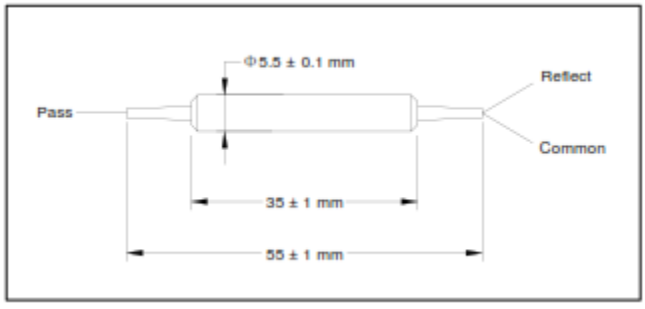
United States

Polarization Maintaining Filter Wavelength Division Multiplexer 2000 nm

Model #: PFWDM
Description: Polarization Maintaining Filter Wavelength Division Multiplexer 2000 nm
Application: Fiber amplifier, fiber laser, fiber sensor, WDM module and systems, test and measurement equipment.
Specifications:

Parameter		Unit	Specifications	
Pass Band	Wavelength Range	nm	1950 - 2050	
	Typ. Insertion Loss	dB	0.6	
	Max. Insertion Loss	dB	0.8	
	Typ. Isolation	dB	30	
	Min. Isolation	dB	25	
Reflection Band	Wavelength Range	nm	1560 - 1580	
	Typ. Insertion Loss	dB	0.6	
	Max. Insertion Loss	dB	0.8	1.3
	Typ. Isolation	dB	15	
	Min. Isolation	dB	12	
Min. Polarization Extinction ratio		dB	20	
Min. Return Loss		dB	50	
Thermal Stability		dB/°C	0.005	
Max. Optical Power (CW)		mW	300	
Operating Temperature		°C	-5 to +70	
Storage Temperature		°C	-40 to + 85	
Dimension		mm	5.5 (D) x 35 (L)	
Fiber Type			PM 1550 fiber (for all ports) or PM 1950 fiber (for all ports) or SMF-28 for R, PM 1550 for C&P	PM 1550 fiber for reflect port and PM 1950 fiber for common & pass ports

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL, 2 dB lower PE, keying to slow axis



Ordering Information: PFWDM-AAAA-B-C-D-E

AAAA: central wavelength	B: fiber type	C: connector type	D: fiber jacket	E: fiber length
2057 - 000 pass /1570 reflection	1 – PM 1550 fiber for all ports	1 - FC/UPC	B - 250µm Panda fiber	Q – 0.75 m
	2 – PM 1590 fiber for all ports	2 - FC/APC	L - 900 µm loss tube	X - other
	3 – PM 1550 for R, PM 1590 for C & P	3 - SC/UPC	X - other	
	4 – SMF-28 for R and PM 1550 for C&P	4 - SC/APC		
		N - none		
		X - other		