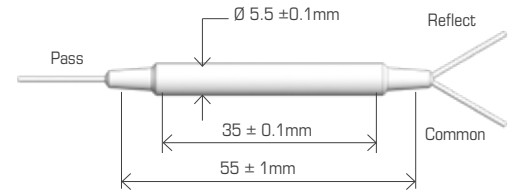


PM FILTER DWDM



PM Filter DWDM devices use environmentally stable thin film filter and advanced packaging technology to achieve wide passband, low insertion loss, high channel isolation, excellent environmental stability and high extinction ratio.

They can be used individually to perform single channel add or drop function or can be used in DWDM systems and fiber sensor systems. PM Filter DWDM is designed and manufactured according to Telcordia standard and ITU standard.

		PARAMETERS	VALUE		UNIT
SPECIFICATIONS	Filter Type		200Ghz		
	Pass Band	Center Wavelength		100Ghz	
					nm
	Min. Bandwidth @ 0.5 dB		0.5	0.16	nm
	Typ. Bandwidth @ 0.5 dB		0.7	0.4	nm
	Max. Insertion Loss @ Common Pass		1.0	1.2	dB
	Typ. Insertion Loss @ Common Pass		0.8	1.0	dB
	Min. Channel Isolation @ Common Pass		25	25	dB
	Typ. Channel Isolation @ Common Pass		30	30	dB
	Reflection Band	Max. Insertion Loss @ Common Reflect	0.5	0.5	dB
	Typ. Insertion Loss @ Common Reflect		0.3	0.3	dB
	Min. Channel Isolation @ Common Reflect		12	12	dB
	Typ. Channel Isolation @ Common Reflect		15	15	dB
	Typ. Extinction Ratio @ 23°C		22	22	dB
	Min. Extinction Ratio @ 23°C		20	20	dB
	Directivity		50	50	dB
	Min. Return Loss		50	50	dB
	Center Wavelength Stability		0.002	0.002	nm/°C
Thermal Stability		0.005	0.005	dB/°C	
Max. Optical Power		300	300	mW	
Operating Temperature		-5 to +70	-5 to +70	°C	

*Note: 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.

CODE	CHANNEL SPACING		ITU GRID		CONNECTOR TYPE		FIBER JACKET		FIBER LENGTH	
	F4M-PMDWDM	10	100 GHz	S	Specify	A	SC/UPC	25	250µm Panda Fiber	05
20		200 GHz			B	SC/APC	9L	900µm Loose Tube	10	1m
					C	FC/UPC	S	Specify	S	Specify
					D	FC/APC				
					N	None				
					S	Specify				

ORDER CODE EXAMPLE

F4M-PMDWDM-10-S-S-S-10

