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Multimode Filter Wavelength Division Multiplexer (DL-MMFWDM-VVVV-W-X-Y-Z)

The Multimode Filter Wavelength Division Multiplexer series combine or separate light at different wavelength in a wide wavelength range. They are based on environmentally stable thin film filter technology. They have very low insertion loss, high isolation and excellent environmental stability. High power handling capability can be achieved through special processing and high quality AR coating. These components have been widely used in multi-mode fiber communication, CATV and testing instrumentation.

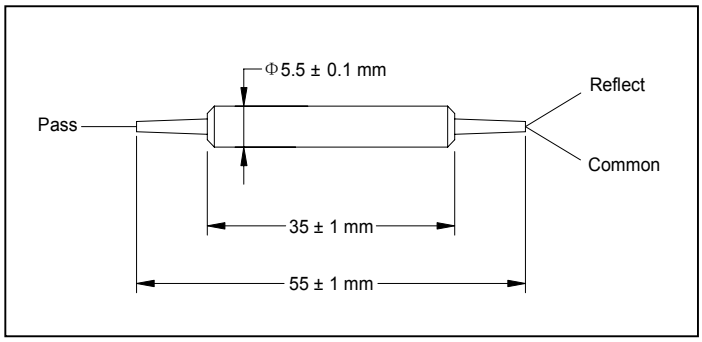
A. Specifications

Parameter		Value	Unit
Pass Band	Wavelength Range	830 - 870 (1290 - 1330) 1270 - 1350 (1530 - 1600)	nm
	Max. Insertion Loss	0.5	dB
	Min. Isolation	30	dB
Reflection Band	Wavelength Range	1290 - 1330 (830 - 870) 1530 - 1600 (1270 - 1350)	nm
	Max. Insertion Loss	0.5	dB
	Min. Isolation	12	dB
Directivity		40	dB
Min. Return Loss		40	dB
Max. Temperature Dependent Loss		0.15	dB
Max. Optical Power (Continuous Wave)		300	dB
Package Dimensions		bare fiber & loose tube, Φ5.5 × 55	mW
		3 mm cable, 12 (W) × 10 (H) × 120 (L)	mm
Fiber Type		Multimode fiber 62.5/125, 50/125, 105/125 μm	
Operating Temperature		-5 to +70	℃
Storage Temperature		-40 to +85	℃

*IL is 0.3 dB higher for each connector added.

*Above specifications are measured at low order modes.

B. Package Dimensions



C. Ordering Information

DL-MMFWDM-VVVV-W-X-Y-Z

V: Wavelength	W: Fiber Core	X: Connector Type	Y: Fiber Type	Z: Fiber Length
3155 - 1310 Pass/1550 Reflect	1 - 105/125 μm	1 - FC/UPC	B - 250 μm bare fiber	1 - 1.0 m
5531 - 1550 Pass/1310 Reflect	2 - 62.5/125 μm	2 - FC/APC	L - 900 μm loose tube	S - Specify
8531 - 850 Pass/1310 Reflect	3 - 50/125 μm	3 - SC/UPC	C - 3 mm cable	
3185 - 850 Reflect/1310 Pass		4 - SC/APC	S - Specify	
		N - None		