1050/850nm 1x2 Multimode Filter WDM

1050/850nm 1x2 Multimode Filter WDM (Wavelength Division Mulitplexer) is a fiber component built with thin-film filter technology, it can be used to separate or combine 1050nm and 850nm wavelength signal, it's widely used in Fiber Laser Systems and Fiber Testing Systems, the high power type is available upon request.

Application:

Fiber Laser
Testing System
Optical Diffraction System
Lab And Research

Features:

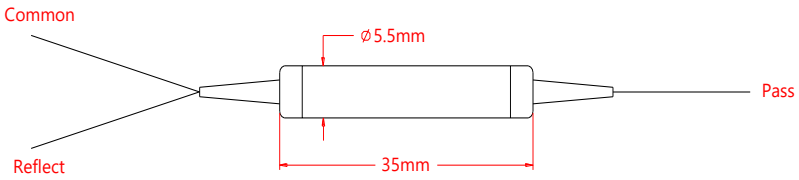
Epoxy Free
High Isolation
Low Insertion Loss
Optical Path Reversibility

Specification:

Parameter	Symbol	Value	Unit
Type		P1050 R850	nm
Pass Band	λ	1050 (1000-1100)	nm
Reflect Band	λ	850 (830-860)	nm
Max. Insertion Loss @Pass Channel	IL	1.2	dB
Max. Insertion Loss @Reflect Channel	IL	1.0	dB
Min. Isolation @Pass Channel	Iso	25	dB
Min. Isolation @Reflect Channel	Iso	15	dB
Max. Insertion Loss Temperature Sensitivity		0.5	dB
Max. Polarization Dependent Loss	PDL	0.2	dB
Min. Directivity		35	dB
Min. Return Loss	RL	35	dB
Max. Optical Power (CW)	P	500	mW
Max. Tensil Load		5	N
Fiber Type		50/125 or 62.5/125	-
Operating Temperature	T	0~70	℃
Storage Temperature	T	-40~85	℃
Package Dimension		Φ5.5×L35	mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23℃.
For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Drawing:



Ordering Information (Part Number):

MFWDM-WWWW/WWW-FF-J-LL-CC

WWWW/WWW	FF	J	LL	CC
Wavelength	**Fiber Type**	**Fiber Jacket**	**Fiber Length**	**Connector**
1050/850 - 1050nm Pass, 850nm Reflect 1060/850 - 1060nm Pass, 850nm Reflect	M5 - 50/125 MM Fiber M6 - 62.5/125 MM Fiber SS - Specify	B - 250um Bare Fiber 9 - 900um Loose Tube	05 - 0.5m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify	NE - None FA - FC/APC FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify