1x2 PM CWDM

1x2 PM Coarse Wavelength Division Mulitplexer (CWDM) is a fiber component built with thin-film filter technology, it can be used to sepreate or combine CWDM wavelength signal with PM Panda fiber, it's widely used in CWDM System, Fiber Laser Systems and Fiber Optic Sensor, the high power type is available upon request.

Application:

CWDM System
Fiber Laser
Fiber Optic Sensor
Lab And Research

Features:

Epoxy Free
High Isolation
Low Insertion Loss
Optical Path Reversibility

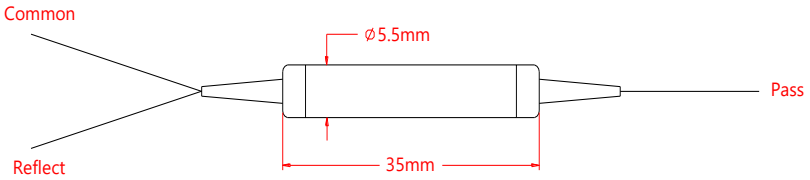
Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	1260-1620	nm
Channel Spacing		20	nm
Pass Band		±6.5	nm
Max. Insertion Loss @Pass Channel	IL	0.6	dB
Max. Insertion Loss @Reflect Channel	IL	0.4	dB
Min. Isolation @Pass Channel	Iso	30	dB
Min. Isolation @Reflect Channel	Iso	13	dB
Max. Channel Flatness		0.3	dB
Min. Extinction Ratio	ER	20	dB
Max. IL Thermal Stability		0.005	dB/℃
Min. Directivity		50	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	500	mW
Max. Tensil Load		5	N
Fiber Type		PM Panda Fiber	-
Operating Temperature	T	-5~75	℃
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, ER will be 2dB lower, slow axis is default aligned to the connector key.

Drawing:



Ordering Information (Part Number):

PMCWDM-WWWW-A-J-LL-CC

WWWW	A	J	LL	CC
Wavelength	**Working Axis**	**Fiber Jacket**	**Fiber Length**	**Connector**
1270 - 1270nm 1290 - 1290nm . . . 1590 - 1590nm 1610 - 1610nm	F - Fast Axis Blocked Slow axis Working B - Both Axes Working	B - 250um Bare Fiber 9 - 900um Loose Tube 2 - 2.0mm Loose Tube 3 - 3.0mm 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