

1240/1310nm 1x2 Filter WDM

1240/1310nm Wavelength Division Multiplexer is a fiber component built with thin-film filter technology, it can be used to separate or combine 1200nm and 1310nm wavelength signal, it's widely used in Testing Systems and Fiber Amplifier 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



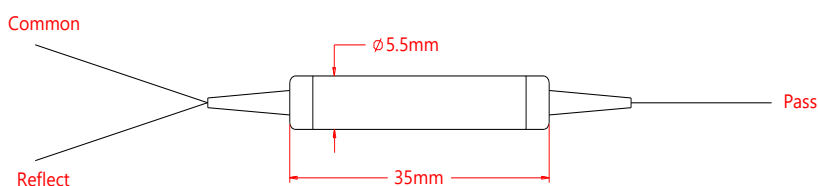
Specification:

Parameter	Symbol	Value	Unit
Type		P1240 R1310	nm
Pass Band	λ	1240 (1100-1260)	nm
Reflect Band	λ	1310 (1280-1350)	nm
Max. Insertion Loss @Pass Channel	IL	0.9	dB
Max. Insertion Loss @Reflect Channel	IL	0.9	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	0.15	dB
Min. Directivity		50	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	500	mW
Max. Tensile Load		5	N
Fiber Type		HI 1060 fiber on Pass Port SMF-28e on Common & Reflect	-
Operating Temperature	T	-5~75	°C
Storage Temperature	T	-40~85	°C
Package Dimension		Φ5.5×L35	mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23°C.

For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Drawing:



Ordering Information (Part Number):

FWDM- WWW/WWW-D-J-LL-CC				
WWW/WWW	FF	J	LL	CC
Wavelength	Fiber Type on Reflect Port	Fiber Jacket	Fiber Length	Connector
1200/1310 - 1200nm Pass, 1310nm Reflect	S2 - SMF-28e H1 - HI 1060	B - 250um Bare Fiber 9 - 900um Loose Tube	05 - 0.5m 10 - 1.0m	NE - None FA - FC/APC
1240/1310 - 1240nm Pass 1310nm Reflect	SS - Specify	2 - 2.0mm Loose Tube 3 - 3.0mm Loose Tube	15 - 1.5m 20 - 2.0m SS - Specify	FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify