

2000/1700nm 1x2 Filter WDM

2000/1700nm 1x2 Filter WDM is a fiber component built with thin-film filter technology, it can be used to separate or combine 2000nm and 1700nm wavelength signal, it's widely used in Fiber Laser Systems and Fiber Amplifier Systems, the high power type is available upon request.

Application:

Fiber Laser
Fiber Amplifier
Optical Diffraction System
Lab And Research

Features:

Epoxy Free
High Isolation
Low Insertion Loss
Optical Path Reversibility



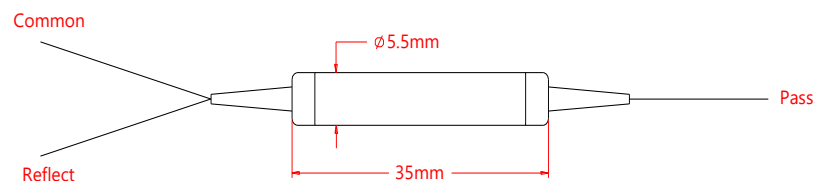
Specification:

Parameter	Symbol	Value	Unit
Type		P2000 R1700	nm
Pass Band	λ	2000 (1900-2100)	nm
Reflect Band	λ	1700 (1680-1800)	nm
Max. Insertion Loss @Pass Channel	IL	0.8	dB
Max. Insertion Loss @Reflect Channel	IL	0.6	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		50	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	500 or customized	mW
Max. Tensile Load		5	N
Fiber Type		SM 1950 or SMF-28e	-
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 all Port	Fiber Jacket	Fiber Length	Connector
2000/1700 - 2000nm Pass, 1700nm Reflect	S1 - SM1950 Fiber	B - 250um Bare Fiber	05 - 0.5m	NE - None
2000/1720 - 2000nm Pass, 1720nm Reflect	S2 - SMF-28e Fiber	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
2000/1750 - 2000nm Pass, 1750nm Reflect	SS - Specify		15 - 1.5m	FU - FC/UPC
2000/1760 - 2000nm Pass, 1760nm Reflect			20 - 2.0m	SA - SC/APC
			SS - Specify	SU - SU/APC
				LA - LC/APC
				LU - LC/UPC
				SS - Specify