

780/1050nm 1x2 Fused WDM

780/1050nm Fused Wavelength Division Multiplexer is a fiber component built with FBT technology, it can be used to separate or combine 780nm and 1050nm 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
EDFA
Optical Diffraction System
Lab And Research

Features:

Epoxy Free
High Isolation
Low Insertion Loss
Optical Path Reversibility



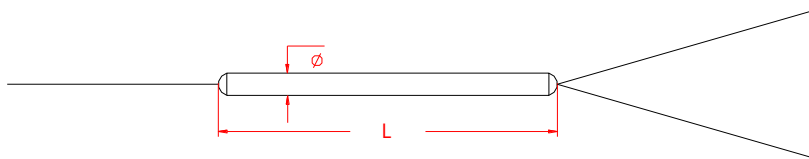
Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	780/1050	nm
Bandwidth	BW	780±5/1050±5	nm
Max. Insertion Loss	IL	1.0	dB
Min. Isolation	Iso	12	dB
Max. Polarization Dependent Loss	PDL	0.1	dB
Min. Directivity		55	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	2	W
Max. Tensile Load		5	N
Fiber Type		HI 780, HI 1060 or HI 1060 Flex	-
Operating Temperature	T	-40~85	°C
Storage Temperature	T	-40~85	°C
Package Dimension		Φ3.0×L54	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, Connectors only 1W CW optical power guarantee.

Drawing:



Ordering Information (Part Number):

FUWDM-**WWW/WWW-PP-FF-D-J-LL-CC**

WWW/WWW	PP	FF	D	J	LL	CC
Wavelength	Port	Fiber Type	Package Dimension	Fiber Jacket	Fiber Length	Connector
780/1050 - 780/1050nm	12 - 1x2	H7 - HI 780	1 - Φ3.0×L54mm	B - 250um Bare Fiber	05 - 0.5m	NE - None
780/1060 - 780/1060nm	22 - 2x2	H1 - HI 1060	A - 90x20x10mm	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
780/1064 - 780/1064nm		HF - HI 1060 Flex SS - Specify	S - Specify		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