

808/1050nm 1x2 Fused WDM

808/1050nm Fused Wavelength Division Multiplexer is a fiber component built with FBT technology, it can be used to separate or combine 808nm 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



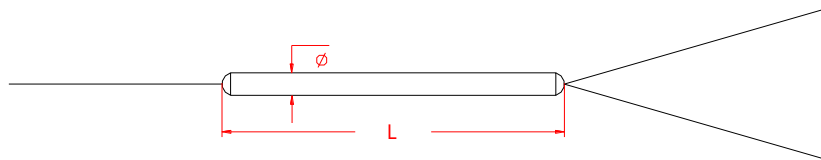
Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	808/1050	nm
Bandwidth	BW	808±5/1050±5	nm
Max. Insertion Loss	IL	0.3	dB
Min. Isolation	Iso	18	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/WWWW-PP-FF-D-J-LL-CC						
WWW/WWWW	PP	FF	D	J	LL	CC
Wavelength	Port	Fiber Type	Package Dimension	Fiber Jacket	Fiber Length	Connector
808/1030 - 808/1030nm	12 - 1x2	H7 - HI 780	1 - Φ3.0×L54mm	B - 250um Bare Fiber	05 - 0.5m	NE - None
808/1040 - 808/1040nm	22 - 2x2	H1 - HI 1060	A - 90x20x10mm	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
808/1050 - 808/1050nm		HF - HI 1060	S - Specify	2 - 2.0mm Loose Tube	15 - 1.5m	FU - FC/UPC
808/1060 - 808/1060nm		Flex		3 - 3.0mm Loose Tube	20 - 2.0m	SA - SC/APC
808/1064 - 808/1064nm		SS - Specify		SS - Specify	SS - Specify	SU - SU/APC
						LU - LC/UPC
						SS - Specify