

1030/1550nm 1x2 Fused WDM

1030/1550nm 1x2 Fused WDM (Wavelength Division Multiplexer) is a fiber component built with FBT technology, it can be used to separate or combine 1030nm and 1550nm wavelength signal, it's widely used in Fiber Laser Systems and Fiber Testing 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



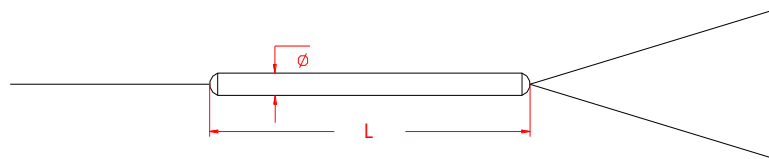
Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	1030/1550	nm
Bandwidth	BW	1030 $\pm$ 5/1550 $\pm$ 5	nm
Max. Insertion Loss	IL	0.8	dB
Min. Isolation	Iso	18	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 or SMF-28e	-
Operating Temperature	T	-5~70	°C
Storage Temperature	T	-40~85	°C
Package Dimension		Φ 3.0 $\times$ 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.

Drawing:



Ordering Information (Part Number):

FUWDM- WWW/WWW - FF - J - LL - CC				
WWW/WWW	FF	J	LL	CC
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector
1030/1550 - 1030/1550nm	H1 - HI 1060	B - 250um Bare Fiber	05 - 0.5m	NE - None
1040/1550 - 1040/1550nm	S2 - SMF-28e	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
1050/1550 - 1050/1550nm	SS - Specify		15 - 1.5m	FU - FC/UPC
1064/1550 - 1064/1550nm			20 - 2.0m	SA - SC/APC
			SS - Specify	SU - SU/APC
				LA - LC/APC
				LU - LC/UPC
				SS - Specify