

1550/2000nm 1x2 Fused WDM

1550/2000nm 1x2 Fused WDM (Wavelength Division Multiplexer) is a fiber component built with FBT technology, it can be used to separate or combine 1550nm and 2000nm 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



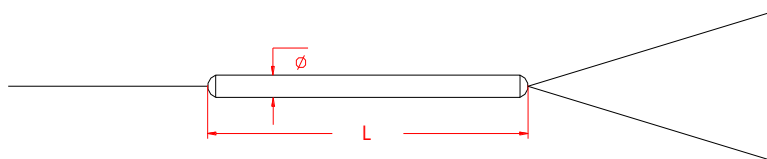
Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	1550/2000	nm
Bandwidth	BW	1550 $\pm$ 10/2000 $\pm$ 10	nm
Max. Insertion Loss	IL	13@2000nm, 17@1550nm	dB
Min. Isolation	Iso	15	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		SMF-28e or SM 1950	-
Operating Temperature	T	-5~70	°C
Storage Temperature	T	-40~85	°C
Package Dimension		Φ 3.0×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.

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
1550/1940 - 1550/1940nm	S1 - SM 1950	B - 250um Bare Fiber	05 - 0.5m	NE - None
1550/1950 - 1550/1950nm	S2 - SMF-28e	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
1550/2000 - 1550/2000nm	SS - Specify		15 - 1.5m	FU - FC/UPC
1550/2050 - 1550/2050nm			20 - 2.0m	SA - SC/APC
1550/2100 - 1550/2100nm			SS - Specify	SU - SU/APC
SSSS/SSSS - Specify				LA - LC/APC
				LU - LC/UPC
				SS - Specify