

1310/1560nm 1x2 Fused WDM

1310/1560nm 1x2 Fused WDM (Wavelength Division Multiplexer) is a fiber component built with FBT technology, it can be used to separate or combine 1310nm and 1560nm 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



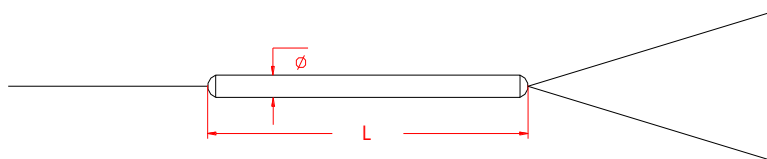
Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	1310/1560	nm
Bandwidth	BW	1310 $\pm$ 10/1560 $\pm$ 10	nm
Max. Insertion Loss	IL	0.3	dB
Min. Isolation	Iso	17	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	-
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
1310/1510 - 1310/1510nm	S2 - SMF-28e	B - 250um Bare Fiber	05 - 0.5m	NE - None
1310/1530 - 1310/1530nm	SS - Specify	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
1310/1550 - 1310/1550nm			15 - 1.5m	FU - FC/UPC
1310/1560 - 1310/1560nm			20 - 2.0m	SA - SC/APC
1310/1570 - 1310/1570nm			SS - Specify	SU - SU/APC
1310/1580 - 1310/1580nm				LA - LC/APC
1310/1590 - 1310/1590nm				LU - LC/UPC
				SS - Specify