1550/1625nm 1x2 Fused WDM

1550/1625nm 1x2 Fused WDM (Wavelength Division Mulitplexer) is a fiber component built with FBT technology, it can be used to separate or combine 1550nm and 1625nm 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

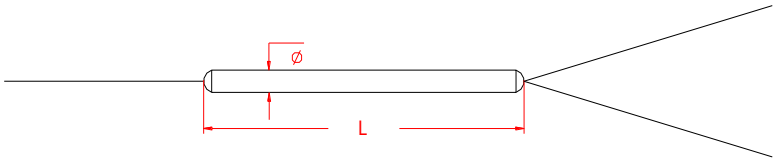
Epoxy Free
High Isolation
Low Insertion Loss
Optical Path Reversibility

Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	1550/1625	nm
Bandwidth	BW	1550±10/1625±10	nm
Max. Insertion Loss	IL	0.5	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. Tensil Load		5	N
Fiber Type		SMF-28e	-
Operating Temperature	T	-5~70	℃
Storage Temperature	T	-40~85	℃
Package Dimension		Φ3.0×L54	mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23℃.
For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Drawing:



Ordering Information (Part Number):

FUWDM-WWWW/WWWW-FF-J-LL-CC

WWWW/WWWW	FF	J	LL	CC
Wavelength	**Fiber Type**	**Fiber Jacket**	**Fiber Length**	**Connector**
1550/1625 - 1550/1625nm	S2 - SMF-28e SS - Specify	B - 250um Bare Fiber 9 - 900um Loose Tube	05 - 0.5m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify	NE - None FA - FC/APC FU - FC/UPC SA - SC/APC SU - SU/APC LA - LC/APC LU - LC/UPC SS - Specify