660/1300nm OCT 1x2 Fused WDM

660/1300nm OCT 1x2 Fused Wavelength Division Mulitplexer is a fiber component built with FBT technology, it can be used to sepreate or combine 660nm and 1310nm wavelength signal, it's widely used in Optical Coherence Tomography and Fiber Amplifier Systems, the high power type is available upon request.

Application:

OCT
Fiber Amplifier
Optical Diffraction System
Lab And Research

Features

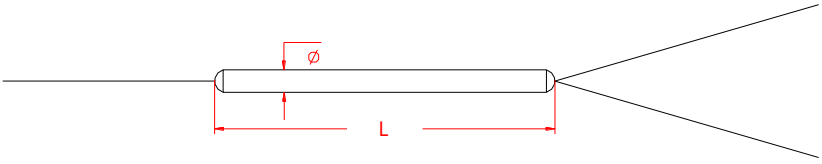
Epoxy Free
High Isolation
Low Insertion Loss
Optical Path Reversibility

Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	660/1300	nm
Bandwidth	BW	660±10/1300±60	nm
Max. Insertion Loss	IL	1.5	dB
Min. Isolation	Iso	13	dB
Max. Polarization Dependent Loss	PDL	0.2	dB
Min. Directivity		55	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	200	mW
Max. Tensil Load		5	N
Fiber Type		SMF-28e Fiber	-
Operating Temperature	T	-40~85	℃
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):

FUOWDM-WWW/WWWW-PP-FF-J-LL-CC

WWW/WWWW	PP	FF	J	LL	CC
Wavelength	**Port**	**Fiber Type**	**Fiber Jacket**	**Fiber Length**	**Connector**
660/1300 - 660/1300nm	12 - 1x2	S2 - SMF-28e SS - Specify	B - 250um Bare Fiber 9 - 900um Loose Tube	05 - 0.5m 08 - 0.8m 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