

550/1050nm OCT 1x2 Fused WDM

550/1050nm OCT 1x2 Fused Wavelength Division Multiplexer is a fiber component built with FBT technology, it can be used to separate or combine 550nm and 1050nm 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



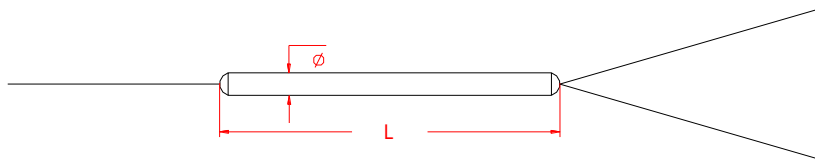
Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	550/1050	nm
Bandwidth	BW	550±10/1050±50	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. Tensile Load		5	N
Fiber Type		HI 1060 Fiber	-
Operating Temperature	T	-40~85	°C
Storage Temperature	T	-40~85	°C
Package Dimension		Φ3.0×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):

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

<u>WWW</u> / <u>WWW</u>	<u>PP</u>	<u>FF</u>	<u>J</u>	<u>LL</u>	<u>CC</u>
Wavelength	Port	Fiber Type	Fiber Jacket	Fiber Length	Connector
550/1050 - 550/1050nm	12 - 1x2	H1 - HI 1060 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