

635/1550nm 1x2 Fused WDM

635/1550nm Fused Wavelength Division Multiplexer is a fiber component built with FBT technology, it can be used to separate or combine 635nm and 1550nm wavelength signal, it's widely used in Fiber Laser Systems and Fiber Amplifier Systems, the high power type is available upon request.

Application:

Fiber Laser
EDFA
Optical Diffraction System
Lab And Research

Features:

Epoxy Free
High Isolation
Low Insertion Loss
Optical Path Reversibility



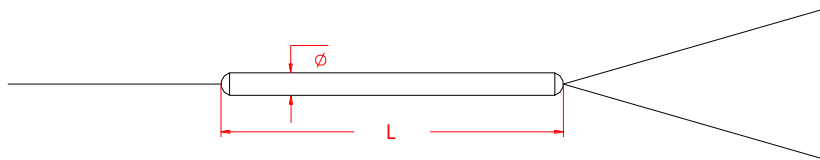
Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	635/1550	nm
Bandwidth	BW	635±5/1550±5	nm
Max. Insertion Loss	IL	2	dB
Min. Isolation	Iso	15	dB
Max. Polarization Dependent Loss	PDL	0.1	dB
Min. Directivity		50	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	2	W
Max. Tensile Load		5	N
Fiber Type		SMF-28e 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, Connectors only 1W CW optical power guarantee.

Drawing:



Ordering Information (Part Number):

FUWDM- WWW/WWW - PP - FF - D - J - LL - CC						
WWW/WWW	PP	FF	D	J	LL	CC
Wavelength	Port	Fiber Type	Package Dimension	Fiber Jacket	Fiber Length	Connector
635/1550 - 635/1550nm	12 - 1x2 22 - 2x2	S2 - SMF-28e SS - Specify	1 - Φ3.0×L54mm A - 90x20x10mm S - Specify	B - 250um Bare Fiber 9 - 900um Loose Tube 2 - 2.0mm Loose Tube 3 - 3.0mm 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