633/1550nm 1x2 PM Fused WDM

633/1550nm PM Fused Wavelength Division Mulitplexer is a fiber component built with FBT technology, it can be used to sepreate or combine 633nm and 1550nm wavelength signal with PM Panda fiber, 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:

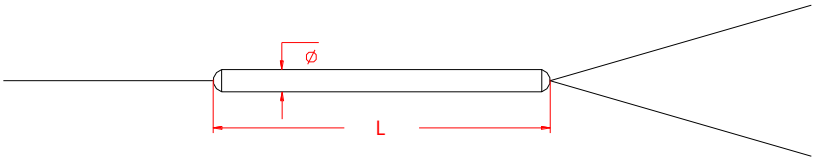
Epoxy Free
High Isolation
Low Insertion Loss
Optical Path Reversibility

Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	633/1550	nm
Bandwidth	BW	633±10/1550±20	nm
Max. Insertion Loss	IL	0.6 @1550nm	dB
Min. Isolation	Iso	15	dB
Min. Extinction Ratio	ER	13 @633nm, 19@1550nm	dB
Min. Directivity		50	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	300	mW
Max. Tensil Load		5	N
Fiber Type		PM 1550 Panda Fiber	-
Operating Temperature	T	-5~75	℃
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, ER will be 2dB lower, slow axis is default aligned to the connector key.

Drawing:



Ordering Information (Part Number):

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

WWW/WWWW	PP	FF	J	LL	CC
Wavelength	**Port**	**Fiber Type**	**Fiber Jacket**	**Fiber Length**	**Connector**
633/1550 - 633/1550nm	12 - 1x2	P5 - PM 1550 Fiber 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