

980/1030nm 1x2 PM Fused WDM

980/1030nm PM Fused Wavelength Division Multiplexer is a fiber component built with FBT technology, it can be used to separate or combine 980nm and 1030nm 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

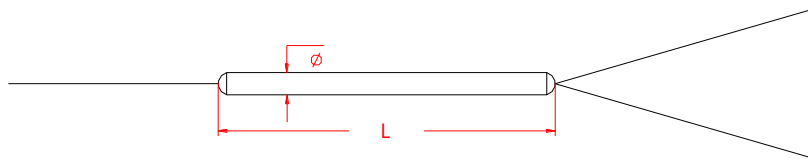

Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	980/1030	nm
Bandwidth	BW	980±5/1030±5	nm
Max. Insertion Loss	IL	0.7	dB
Min. Isolation	Iso	13	dB
Min. Extinction Ratio	ER	17	dB
Min. Directivity		55	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	2	W
Max. Tensile Load		5	N
Fiber Type		PM Panda 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, ER will be 2dB lower, slow axis is default aligned to the connector key.

Connectors only 1W CW guarantee.

Drawing:

Ordering Information (Part Number):

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

<u>WWW/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
980/1030 - 980/1030nm	12 - 1x2	P9 - PM 980 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