

## 980/1035nm 1x2 Fused WDM

980/1035nm Fused Wavelength Division Multiplexer is a fiber component built with FBT technology, it can be used to separate or combine 980nm and 1035nm 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



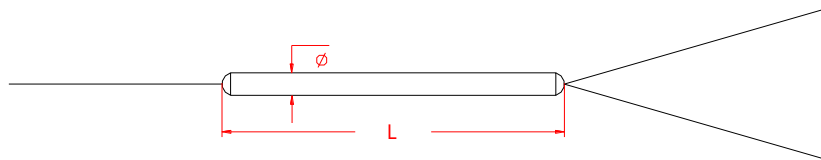
### Specification:

Parameter	Symbol	Value	Unit
Wavelength	$\lambda$	980/1035	nm
Bandwidth	BW	980±3/1035±3	nm
Max. Insertion Loss	IL	0.4	dB
Min. Isolation	Iso	12	dB
Max. Polarization Dependent Loss	PDL	0.1	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		OFS980, HI 1060 or HI 1060 Flex	-
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- <b>WWW/WWW</b> - <b>PP</b> - <b>FF</b> - <b>D</b> - <b>J</b> - <b>LL</b> - <b>CC</b>						
<b>WWW/WWW</b>	<b>PP</b>	<b>FF</b>	<b>D</b>	<b>J</b>	<b>LL</b>	<b>CC</b>
Wavelength	Port	Fiber Type	Package Dimension	Fiber Jacket	Fiber Length	Connector
980/1030 - 980/1030nm	12 - 1x2	O9 - OFS980	1 - Φ3.0×L54mm	B - 250um Bare Fiber	05 - 0.5m	NE - None
980/1035 - 980/1035nm	22 - 2x2	H1 - HI 1060	A - 90x20x10mm	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
980/1040 - 980/1040nm		HF - HI 1060	S - Specify	2 - 2.0mm Loose Tube	15 - 1.5m	FU - FC/UPC
980/1050 - 980/1050nm		Flex		3 - 3.0mm Loose Tube	20 - 2.0m	SA - SC/APC
980/1053 - 980/1053nm		SS - Specify		SS - Specify	SS - Specify	SU - SU/APC
						LU - LC/UPC
						SS - Specify