

## 655/1060nm 1x2 Fused WDM

655/1060nm Fused Wavelength Division Multiplexer is a fiber component built with FBT technology, it can be used to separate or combine 650nm and 1064nm 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



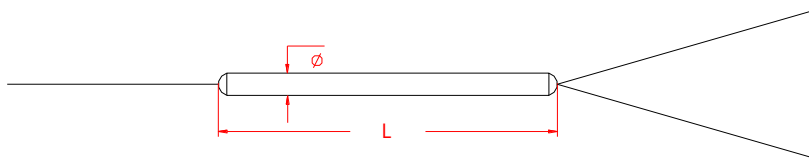
### Specification:

Parameter	Symbol	Value	Unit
Wavelength	$\lambda$	655/1060	nm
Bandwidth	BW	655 $\pm$ 5/1060 $\pm$ 5	nm
Max. Insertion Loss	IL	1.0	dB
Min. Isolation	Iso	18	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		HI 780, HI 1060 or HI 1060 Flex	-
Operating Temperature	T	-40~85	°C
Storage Temperature	T	-40~85	°C
Package Dimension		$\Phi$ 3.0 $\times$ 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

<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
650/1060 - 650/1060nm	12 - 1x2	H7 - HI 780	1 - $\Phi$ 3.0 $\times$ L54mm	B - 250um Bare Fiber	05 - 0.5m	NE - None
650/1064 - 650/1064nm	22 - 2x2	H1 - HI 1060	A - 90 $\times$ 20 $\times$ 10mm	9 - 900um Loose Tube	10 - 1.0m	FA - FC/APC
655/1060 - 655/1060nm		HF - HI 1060	S - Specify	2 - 2.0mm Loose Tube	15 - 1.5m	FU - FC/UPC
655/1064 - 655/1064nm		Flex		3 - 3.0mm Loose Tube	20 - 2.0m	SA - SC/APC
		SS - Specify			SS - Specify	SU - SU/APC
						LA - LC/APC
						LU - LC/UPC
						SS - Specify