

793/2000nm 1x2 Fused WDM

793/2000nm Fused Wavelength Division Multiplexer is a fiber component built with FBT technology, it can be used to separate or combine 793nm and 2000nm wavelength signal, it's widely used in Fiber Laser Systems and Fiber Amplifier Systems, the higher power type up to 20W 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



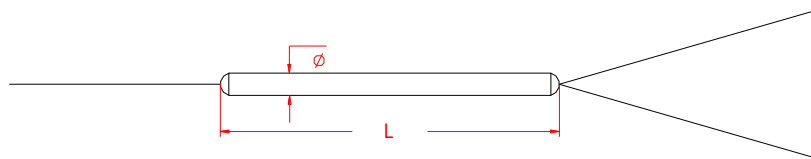
Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	793/2000	nm
Bandwidth	BW	793 $\pm$ 20/2000 $\pm$ 20	nm
Max. Insertion Loss	IL	0.7	dB
Min. Isolation	Iso	13@2000nm, 17@793nm	dB
Max. Polarization Dependent Loss	PDL	0.15	dB
Min. Directivity		55	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	2 (higher power is available)	W
Max. Tensile Load		5	N
Fiber Type		SMF-28e or SM 1950 fiber	-
Operating Temperature	T	-5~70	°C
Storage Temperature	T	-40~85	°C
Package Dimension		Φ 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-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
793/2000 - 793/2000nm	12 - 1x2 22 - 2x2	S2 - SMF-28e S1 - SM 1950	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