793/2000nm 1x2 Fused WDM

793/2000nm 1x2 Fused WDM (Wavelength Division Mulitplexer) 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 Testing Systems, the higher power type up to 20W is available upon request.

Application:

Fiber Laser
Testing System
Optical Diffraction System
Lab And Research

Features:

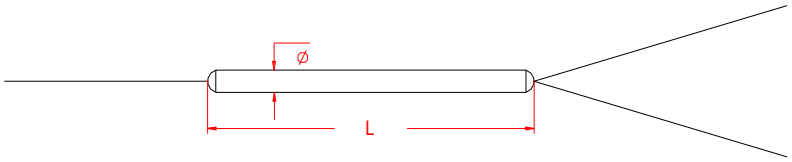
Epoxy Free
High Isolation
Low Insertion Loss
Optical Path Reversibility

Specification:

Parameter	Symbol	Value	Unit
Wavelength	λ	793/2000	nm
Bandwidth	BW	793±20/2000±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		50	dB
Min. Return Loss	RL	50	dB
Max. Optical Power (CW)	P	500 or customized	mW
Max. Tensil Load		5	N
Fiber Type		SMF-28e or SM 1950 fiber	-
Operating Temperature	T	-5~70	℃
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, RL will be 5dB lower.

Drawing:



Ordering Information (Part Number):

FUWDM-WWW/WWWW-FF-J-LL-CC

WWW/WWWW	FF	J	LL	CC
Wavelength	**Fiber Type**	**Fiber Jacket**	**Fiber Length**	**Connector**
793/2000 - 793/2000nm	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