

Fused Fiber Wavelength Division Multiplexer

Model #: SWDM

Description: Fused Fiber Wavelength Division Multiplexer

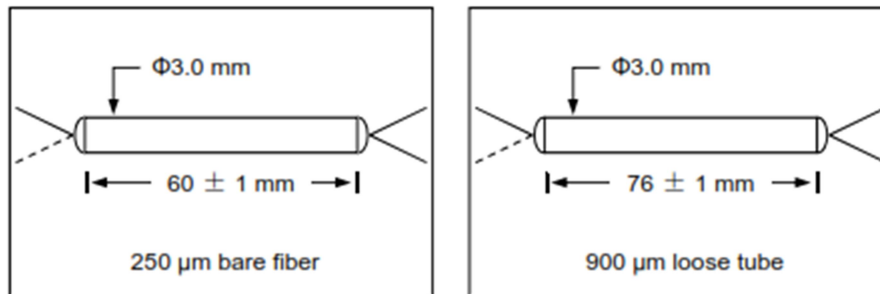
Application: Fiber amplifier, fiber laser, fiber sensor, WDM module and systems, test and measurement equipment.

Specifications:

Parameter		Unit	Specifications	
Longer Wavelength	Operating Wavelength Range	nm	976/1030 (+/- 2)	970/1064 (+/- 2)
	Max. Insertion Loss	dB	0.45	0.35
	Max. Polarization Dependent Loss	dB	0.2	0.15
	Min. Isolation	dB	11	13
Thermal Stability		dB/°C	0.002	
Min. Return Loss		dB	55	
Min. Directivity		dB	55	
Configuration			1 x 2 or 2 x 2	
Max. Optical Power (CW)		mW	300	
Operating Temperature		°C	-5 to +70	
Storage Temperature		°C	-40 to +85	
Dimension	Bare fiber	mm	3.0 (D) x 60 (L)	
	900 μm loose tube		3.0 (D) x 706(L)	
Fiber Type			HI 1060 or HI1060 flex	

Note: each connector may contribute extra 0.5 dB IL, Test at central wavelength only.

Package Dimensions



Ordering Information: SWDM-A-BBBBBBBB-C-D-E-F

A: Configuration	BBBB: wavelength	C: connector type	D: fiber jacket	E: fiber length	F: fiber type
1 – 1 x 2	9761030 – 976 & 1030 nm	1 - FC/UPC	B - 250μm Panda fiber	1 – 1.0 m	4 – HI1060 fiber
2 – 2 x 2 (1064 / 638)	9761064 – 976&1064 nm	2 - FC/APC	L - 900 μm loss tube	X - other	5 – HI 1060 Flex fiber
		3 - SC/UPC	X - other		
		4 - SC/APC			
		N - none			
		X - other			