

Fused Fiber Wavelength Division Multiplexer

Model #: SWDM

Description: Fused Fiber Wavelength Division Multiplexer

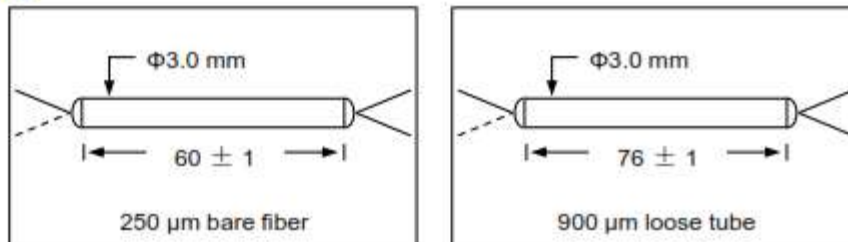
Application: Fiber amplifier, fiber laser, fiber sensor, WDM module and systems, test and measurement equipment.

Specifications:

Parameter		Unit	Specifications
Longer Wavelength	Operating Wavelength Range	nm	1400 +/- 5
	Max. Insertion Loss	dB	0.4
	Max. Polarization Dependent Loss	dB	0.05
	Min. Isolation	dB	20
Shorter Wavelength	Operating Wavelength Range	nm	808 +/- 5
	Max. Insertion Loss	dB	0.7
	Min. Isolation	dB	13
Thermal Stability		dB/°C	0.002
Min. Return Loss		dB	50
Min. Directivity		dB	50
Max. Optical Power (CW)		W	2
Operating Temperature		°C	-5 to +70
Storage Temperature		°C	-40 to + 85
Dimension	Bare fiber	mm	3.0 (D) x 60 (L)
	900 μ m loose tube		3.0 (D) x 70 (L)

Note: each connector may contribute additional 0.5 dB IL and less 5dB return loss, Test at central wavelength only.

Package Dimensions



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

A: Configuration	BBBBBBB: wavelength	C: connector type	D: fiber jacket	E: fiber length	F: fiber type
1 – 1 x 2	808/1400 – 808 & 1400 nm	1 - FC/UPC	B - 250 μ m Panda fiber	1 – 1.0 m	6 – Corning SMF-28
		2 - FC/APC	L - 900 μ m loss tube	X - other	
		3 - SC/UPC			
		4 - SC/APC			
		N - none			
		X - other			