

Fused 2000 nm Fiber WDM Coupler

Model #: SWDM

Description: Fused 1570, 800 or 650 nm with 2000 nm fiber WDM coupler

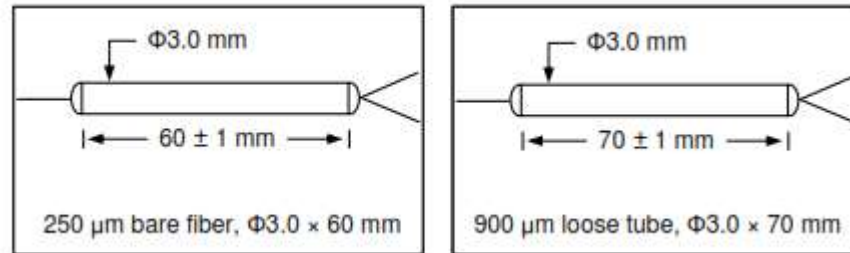
Application: Fiber amplifier, fiber laser

Specifications:

Parameter	Unit	Specifications		
Longer Operating Wavelength	nm	2000 ± 20 or specify		
Min. Isolation	dB	13		
Max. Insertion Loss	dB	0.6		
Max. Polarization Dependent Loss	dB	0.15		
Shorter Operating Wavelength	nm	1570 ± 20	800 ± 20	650 ± 20
Min. Isolation	dB	17	17	15
Max. Insertion Loss	dB	0.6	0.6	1.5
Thermal Stability	dB/°C	≤ 0.002		
Min. Return Loss	dB	55		
Min. Directivity	dB	55		
Max. Optical Power (CW))	mW	500		
Configuration		1 x 2		
Operating Temperature	°C	-40 to +75		
Storage Temperature	°C	-40 to + 85		
Dimension	mm	250 μm bare fiber: 3.0 (D) x 60 (L) 900 μm loose tube: 3.0 (D) x 70 (L)		
Fiber Type		SMF-28 fiber		

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL.

Package Dimensions



Ordering Information:

Single Stage: **SWDM-A-BBBBBBBB-C-D-E**

A: Configuration	BBBBBBBB: wavelength	C: connector type	D: fiber jacket	E: fiber length	F: fiber type
1 – 1 x 2	15702000 – 1570 & 2000 nm	1 - FC/UPC	B - 250μm SMF-28 fiber	1 – 1.0 m	6 – Corning SMF-28
	8002000 – 800 & 2000 nm	2 - FC/APC	L - 900 μm loss tube	X - other	
	6502000 – 650 & 2000 nm	3 - SC/UPC			
	X - other	4 - SC/APC			
		N - none			
		X - other			