

Fused 2000 nm Fiber WDM Coupler

Model #: SWDM

Description: Fused 1570 nm (or 800 nm) and 2000 nm fiber WDM coupler

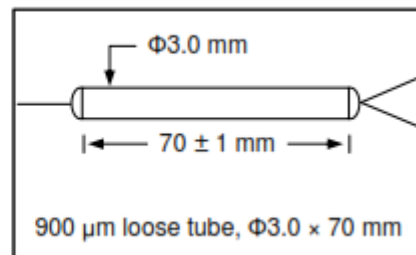
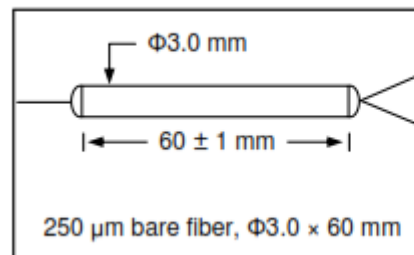
Application: Fiber amplifier, fiber laser

Specifications:

Parameter	Unit	Specifications
Longer Operating Wavelength	nm	2000 ± 20
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
Min. Isolation	dB	17
Max. Insertion Loss	dB	0.6
Thermal Stability	dB/°C	≤ 0.004 over -5 to 70°C
Min. Return Loss	dB	55
Min. Directivity	dB	55
Max. Optical Power (CW))	mW	300
Configuration		1 x 2
Operating Temperature	°C	-5 to +70
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) 3 mm cable: 90 (L) x16 (W) x9 (H)
Fiber Type		SMF-28 fiber

Note: each connector may contribute extra 0.5 dB IL, 5 dB lower RL.

Package Dimensions



Ordering Information:

Single Stage: SWDM-A-BBBB-C-D-E

A: Configuration	BBBB: wavelength	C: connector type	D: fiber jacket	E: fiber length
1 – 1 x 2	2080 – 2000 / 800	1 - FC/UPC	B - 250μm SMF-28 fiber	1 – 1.0 m
	2057 – 2000 / 1570	2 - FC/APC	L - 900 μm loss tube	X - other
	X - other	3 - SC/UPC	C – 3 mm cable	
		4 - SC/APC		
		N - none		
		X - other		