

Fused 1560/1950 nm Fiber WDM Coupler

Model #: SWDM

Description: Fused 1950 nm and 1560 nm fiber WDM coupler

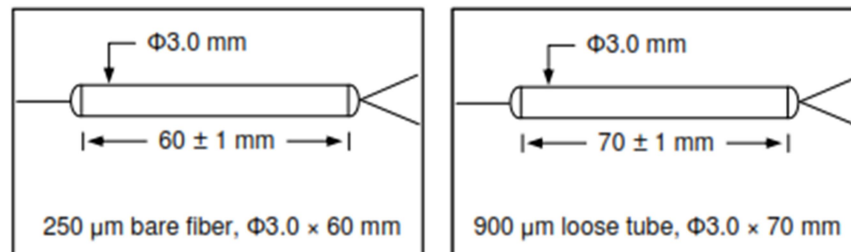
Application: Fiber amplifier, fiber laser

Specifications:

Parameter	Unit	Specifications
Longer Operating Wavelength	nm	1950
Min. Isolation	dB	13
Max. Insertion Loss	dB	0.4
Shorter Operating Wavelength	nm	1560
Min. Isolation	dB	17
Max. Insertion Loss	dB	0.4
Thermal Stability	dB/°C	≤ 0.002
Min. Return Loss	dB	55
Min. Directivity	dB	55
Max. Optical Power (CW))	W	15
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)
Fiber Type		SMF-28 fiber

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL. Test at central wavelength only.

Package Dimensions



Ordering Information:

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

A: Configuration	BBBBBBBB: wavelength	C: connector type	D: fiber jacket	E: fiber length	F: fiber type
1 – 1 x 2	15601950 – 1600 / 1950 nm	1 - FC/UPC	B - 250μm Panda fiber	1 – 1.0 m	6 – Corning SMF-28
	X - other	2 - FC/APC	L - 900 μm loss tube	X - other	
		3 - SC/UPC			
		4 - SC/APC			
		N - none			
		X - other			