

Polarization Maintaining Fused 2000 nm Fiber WDM Coupler

Model #: PSWDM

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

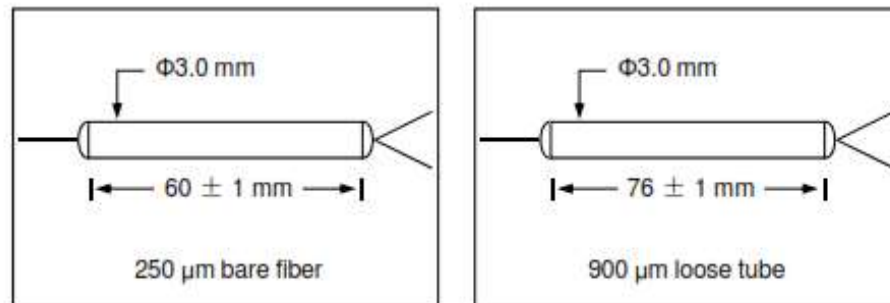
Application: Fiber amplifier, fiber laser

Specifications:

Parameter	Unit	Specifications		
Longer Operating Wavelength	nm	2000 ± 20 or specify		
Min. Isolation	dB	13		
Max. Insertion Loss	dB	0.7		
Min. Polarization Extinction Ratio	dB	20 (P-grade), 17 (A-grade)		
Shorter Operating Wavelength	nm	1570 ± 20, 800 ± 20 or 650 ± 20		
Min. Isolation	dB	15	15	10
Max. Insertion Loss	dB	0.7	0.7	1.5
Thermal Stability	dB/°C	≤ 0.005		
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		

Note: each connector may contribute extra 0.5 dB IL, 5 dB lower RL, minus 2.0dB PER. Test at central wavelength only.

Package Dimensions



Ordering Information:

Single Stage: PSWDM-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	15702000 – 1570 & 2000 nm	1 - FC/UPC	B - 250μm Panda fiber	Q– 0.75 m	P – Corning Panda PM 1550
	8002000 – 800 & 2000 nm	2 - FC/APC	L - 900 μm loss tube	X - other	
	6502000 – 650 & 2000 nm	3 - SC/UPC	C – 3 mm cable		
	XXXX - other	4 - SC/APC			
		N - none			
		X - other			