

2000nm Special Wavelength Coupler

Product Features

- Wavelength 2000nm available
- High stability and reliability
- Low excess loss

Product Applications

- Fiber laser
- Test Instrumentations
- Power monitoring
- Fixed attenuation

Specifications

Parameter	Unit	Value							
Center Wavelength	nm	2000							
Operating Wavelength	nm	$\lambda_c \pm 20$							
Max. PDL	dB	0.2							
Max. Excess Loss	dB	0.3							
Max. Excess Loss for each connector	dB	0.3							
Max. Optical Power (Continuous Wave)	W	4							
Thermal Stability	dB/°C	≤ 0.005							
Min. Return Loss	dB	50							
Min. Directivity	dB	50							
Fiber Type	-	Singlemode fiber							
Package Dimensions	mm	$\Phi 3.0 \times 47$ mm							
Operating Temperature	°C	-5 to +70							
Storage Temperature	°C	-40 to +85							
Coupling Ratio & Insertion Loss									
Coupling Ratio	%	1/99	2/98	5/95	10/90	20/80	30/70	40/60	50/50
Max. Insertion Loss, λ_c	dB	22/0.3	18.5/0.3 5	14.5/0.5	11.5/0.7 5	8.0/1.5	6.0/2.0	4.8/2.8	3.6/3.6

* RL is 5 dB lower for each connector added

* The Optical Power is 1 W only for connector added. For visible wavelength, the limit is 50 mw.

* Data tested at central wavelength only.



Ordering Information						
SMC	Wave length	Coupling Ratio	Fiber Type	Pigtail Type	Fiber Length	Connector
1x2 2X2	2000nm Specify	1/99 2/98 5/95 Specify	Corning SMF-28 Nufern SM 1950 Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify