

PM Fused Coupler (2000nm)

Features	
Low Insertion Loss High Reliability	
Applications	
Test Instrument Fiber Sensor	

Specifications:

Parameter	Value							
Operating wavelength (nm)	2000							
Operating bandwidth (nm)	±20							
Excess Loss(dB)	<0.8 (typ 0.5)							
ER(dB)	≥20							
Coupling ratio (%)	1/99	2/98	5/95	10/90	20/80	30/70	40/60	50/50
Max. Coupling Ratio Tolerance, λ_c (%)	± 0.3	± 0.5	± 0.7	± 1.0	± 2.0	± 2.0	± 2.5	± 3.0
Fiber type	PM1550 or PM 1950							
Excess Loss(dB)	<0.3							
PDL(dB)	<0.2							
Directivity (dB)	≥55							
Operating temperature (°C)	-40 ~+85							

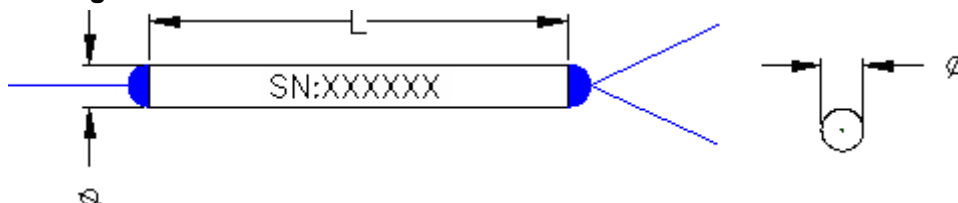
*ER data listed in the table are for the ports with coupling ratio greater than 10%. It will be 2 dB lower for a tap port with coupling ratio between 1-10%. For 1% tap port, ER is not considered.

*RL is 5 dB lower, ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

Package Information

Configuration	1x2 or 2x2		
Fiber length	0.8m, others on request		
Pigtail type	250μm bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimensions(mm)	φ3.0×54	φ3.0×70	90×20×9.5

Package Dimensions



Ordering Information

CP	Type	Grade	Port	Wavelength	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	PS=PM Fused coupler	A	1x2 2x2	2000nm	1/99 2/98 3/97 50/50	0=250um bare fiber 1=900um loose tube	5= Panda PM 1550 9= Nufern PM 1950	0.8=0.8 m X:other	NE=None FC=FC/UPC SC=SC/UPC FA=FC/APC SA=SC/APC ST=ST/UPC LC=LC/UPC xx=Others	3x54 90x20x9. 5