

## 1x2(2x2) Fused PM Fiber Standard Coupler

<b>Features</b>	
Low Excess loss & Low Insertion Loss High Extinction Ratio High stability and reliability	
<b>Application</b>	
Optical Amplifier, Power Monitoring Coherent Communication Fiber Gyroscope Fiber Sensor	

### Specification

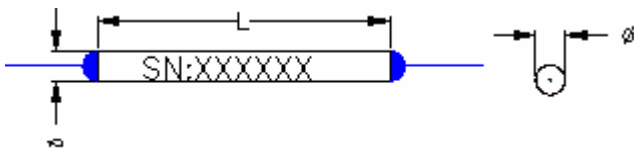
Parameter	P grade	A grade	P grade	A grade
Central Wavelength (nm)	1310, 1550		980, 1064	
Bandwidth (nm)	±20			
Typ. Excess Loss (dB)	0.2	0.3	0.6	0.8
Max.Excess Loss (dB)	≤0.4	≤0.6	≤0.8	≤1.0
ER (dB)	≥20	≥17	≥18	≥16
Directivity (dB)	≥55			
Operating Temperature(°C)	-40 ~ +85			
Storage Temperature (°C)	-40 ~ +85			

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis.

### Package Information

Configuration	1x2 or 2x2		
Fiber length	0.8m, others on request		
Fiber Type	Panda fiber		
Pigtail type	250µm bare fiber	900µm loose tube	900µm/2mm/3mm loose tube
Dimensions(mm)	φ3.0×54	φ3.0×70	90x16x9

### Package Dimensions



### Ordering Information

CP	Type	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	PS=PM fused coupler	P A	1x2 2x2	980 1064 1310 1550	1/99 2/98 3/97 ..... 50/50	250=250um bare fiber 900=900um loose tube 2000=2mm loose tube 3000=3mm loose tube	5=Panda fiber	0.8= 0.8m X:other	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC XX=Other	3x54  ....