


1x2,2x2, 1x3, 3x3 Fused PM Fiber Standard Coupler

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

Specification

Parameter	P grade	A grade	P grade	A grade
Port	1x2, 2x2			
Central Wavelength (nm)	1310, 1550		635,780, 850 980, 1030 , 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)	-20 ~ +70			
Storage Temperature (°C)	-40 ~ +85			

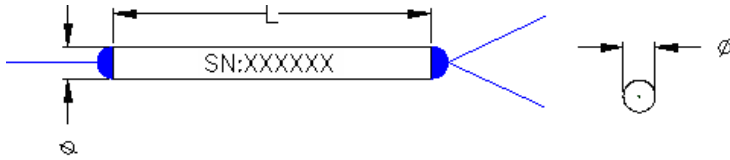
For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis.

Parameter	P grade	A grade	P grade	A grade
Port	1x3, 3x3			
Central Wavelength (nm)	1310, 1550		850 980, 1030 , 1064	
Bandwidth (nm)	±20			
Typ. Excess Loss (dB)	0.8	0.3	0.8	0.3
Max.Excess Loss (dB)	≤1.0	≤0.6	≤1.0	≤0.6
ER (dB)	≥17	≥15	≥17	≥15
Directivity (dB)	≥55			
Operating Temperature(°C)	-20 ~ +70			
Storage Temperature (°C)	-40 ~ +85			

Package Information

Configuration	1x2 or 2x2, 1X3, 3X3		
Fiber length	0.6m, 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 or φ3.0×30	φ3.0×70 or φ3.0× 54	90x20x9.5

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 1x3 3x3	630 780 850 980 1064 1310 1550	1/99 2/98 3/97 50/50	0=250um bare fiber 1=900um loose tube 2=2mm loose tube 3=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	54=3x 54 70=3. 0x70 90=9 0x20x 9.5 30=3. 0x30 m .