

1x2,2x2, 1x3, 3x3 Fused PM Fiber Standard Coupler (400-1950nm)

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

Port	1x2, 2x2
Central Wavelength (nm)	405,450, 480,532, 635,780, 850 980, 1030, 1040, 1064,1950
Bandwidth (nm)	±10
Max.Excess Loss (dB)	≤0.6
ER (dB)	≥20
Directivity (dB)	≥55
Operating Temperature(°C)	-20 ~ +70
Storage Temperature (°C)	-40 ~ +85

Port	1x3
Central Wavelength (nm)	635,780, 850 980, 1030, 1040, 1064,1950
Bandwidth (nm)	±10
Max.Excess Loss (dB)	≤0.8
ER (dB)	≥18
Directivity (dB)	≥55
Operating Temperature(°C)	-20 ~ +70
Storage Temperature (°C)	-40 ~ +85

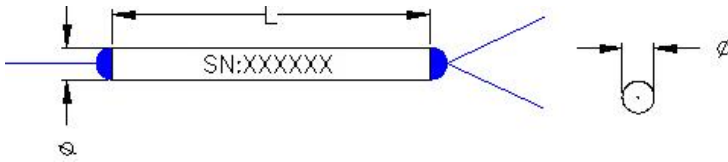
Port	3x3
Central Wavelength (nm)	780,1030,1064,1950
Bandwidth (nm)	±10
Max.Excess Loss (dB)	≤0.8
ER (dB)	≥18
Directivity (dB)	≥55
Operating Temperature(°C)	-20 ~ +70
Storage Temperature (°C)	-40 ~ +85

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.

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	φ3.0×60	90x20x9.5

Package Dimensions



Ordering Information

CP	Type	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	PS=PM fused coupler	2=1x2 2=2x2 3=1x3 6=3x3	405	0.1/99.9	0=250um bare fiber 1=900um loose tube 2=2mm loose tube 3=3mm loose tube	5=Panda fiber	5=0.5m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC XX=Other	54=3x54
			450	1/99			7=0.7m		60=3.0x60
			480	2/98			8=0.8m		0
			532	3/97			1=1m		90=90x20
			635					0x9.5
			780	50/50					35=3.0x35
			850						5m
			980						.
			1030						
			1040						
			1064						
			1950						