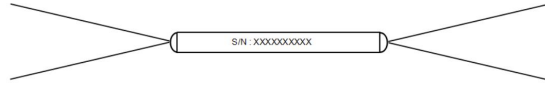


## PM Fiber Coupler Specification(FBT Type)

### Features

- Low Insertion Loss
- High polarization extinction ratio
- Small size
- High stability and reliability



### Applications

- Optical gyro
- Optical amplifier
- Optical sensors
- Optical Networks

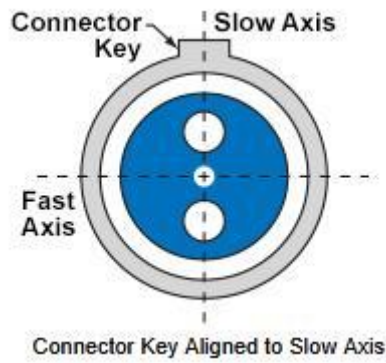


### Performance Specifications

Parameter	Specification	
Channel Wavelength (nm)	1310, 1550, or Custom	
Channel Spacing (nm)	± 15	
Insertion Loss(dB)	50/50	≤3.8
	30/70	≤6.1/2.3
	20/80	≤8.1/1.7
	10/90	≤11.5/1.2
	5/95	≤14.5/0.9
	3/97	≤17.1/0.6
	2/98	≤18.5/0.5
	1/99	≤22.0/0.45
Extinction Ratio(dB)	For CR>10% Port	>20
	For 10%≥CR>1%Port	>18
	For CR≤1% Port	\
Excess Loss(dB)	<0.25	
Directivity dB)	>50	
Return Loss(dB)	>50	
Maximum Power Handling (Mw)	500	
Operating Temperature (°C)	-5~+75	
Storage Temperature (°C)	-40~+85	
Fiber type	Panda PM fiber	
Dimensions Φ×L(mm)	3×54 or customized	

1).The specifications are without connectors. For devices with connectors, IL should be 0.3 dB higher ,and ER should be 2dB lower.

2). For device adding connectors, key aligns to slow axis if no special requirement.



### Ordering Information

X	X	X	X	X	X	XX	X
Mode	Grade	Wavelength	Port	Fiber Type	Package	Ratio	In/Out Connector
1=Polarization-Maintaining Coupler	P A	1=1550 2=1310 X= Custom	1=1x2 2=2x2	1=Bare fiber 2=900um Loose tube 3=2mm Cable 4=3mm Cable	1=3x54 2=3x60 3=90x20x10 4=100x80x10	01=1/99 02=2/98 03=3/97 05=5/95 10=10/90 20=20/80 30=30/70 40=40/60 50=50/50	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC S=Specify