

# (1x2) PM Filter Coupler

## Product Features

- Low Excess Loss
- High Extinction Ratio, Telcordia GR-1221 Compliant Test
- High Power Handling, Available for Slow or Fast Axis Operation

## Product Applications

- Optical Amplifier
- PM Fiber EDFAs
- Fiber Lasers

## Specifications

Parameter		2X2	
Wavelength (nm)		1310, 1550	1064
Operating Bandwidth (nm)		±40	±20
Excess Loss (dB)		≤0.7	≤0.8
Uniformity (dB)		≥0.4	≥0.5
Coupling Ratio (%)		1/99~50/50	
Extinction Ratio (dB)	Type 2 (Both of axis working)	≥20	≥20
	Type 1 (Fast axis blocked)	≥22	≥22
Return loss (dB)		≥50	
Power handling (mW)		≤300	
Fiber Type	Tap port 2	SMF-28 or HI 1060 or Panda fiber	
	Port 1 & 3	Panda fiber	
Operating temperature (°C)		-5~+70	
Storage temperature (°C)		-40 ~ +80	
Dimensions (mm)		φ5.5×L35	

\* 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.

Ordering Information							
P MF C	Type	Wavel ength	Coupling Ratio	Axis Alignment	Pigtail Type	Fiber Type For Tap port	Length
	1x2	1064 1310 1550	1/99 2/98 3/97 ..... 50/50	1=Fast Axis Blocked 2=Both Axis Working	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1=SMF-28e 4=HI1060 5=Panda fiber	0.8= 0.8m