

PM Fused Coupler(630nm)

Descriptions

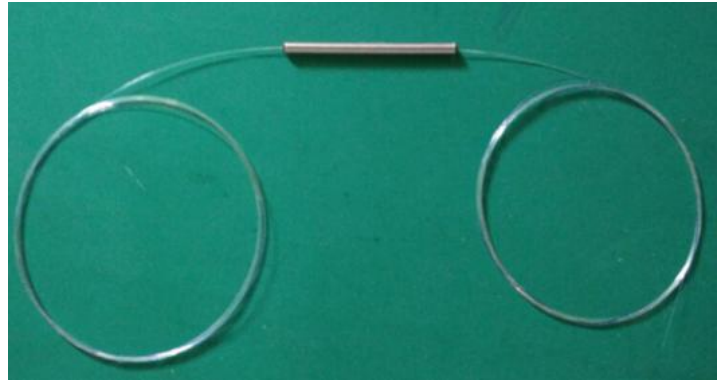
PM Coupler is fully compliant with Telcordia GR-1209/1221 reliability qualification requirement

Features

- ▶ Low Insertion Loss, Good Uniformity
- ▶ Wide Operating Wavelength
- ▶ High extinction ratio
- ▶ Excellent environmental stability and reliability

Applications

- ▶ Communication System
- ▶ Fiber Sensor
- ▶ Optical gyro
- ▶ Optical amplifier

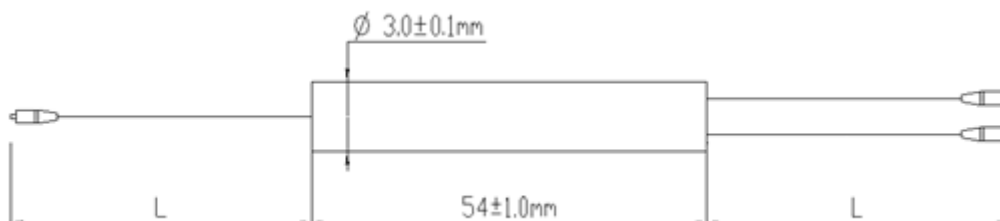


Specifications

Operating wavelength(nm)	Parameter	CR	IL (dB)	ER (dB)	Dimensions Φ×L(mm)
630 ±10		50/50	≤4.2	≥16	3×54 or longer
		40/60	≤5.6/3.6		
		33/67	≤6.2/3.0		
		25/75	≤7.6/2.5		
		20/80	≤8.9/2.3		
		10/90	≤12.4/2.0		
		5/95	≤15.6/1.6		
		1/99	≤23.2/1.2		

- Note:
1. If tap port coupling ratio is ≤ 5%, ER will be 3dB lower; for ≤1% tap port, ER is out of concern
 2. The specifications are connector excluded.
 3. For devices with connectors, 0.8dB higher for IL, 5dB lower for RL and 3dB lower for ER.
 4. For device with connector, key aligned to slow axis if no advance requirement.

Package Dimensions



Ordering Information

PMC - A - B - C - D - E - F - G - H		
A	Port Number	1x2, 2x2
B	Wavelength	627, 630, Other
C	Coupling Ratio	50/50, 40/60, 30/70, 20/80.... 1/99, etc
D	Pigtail Type	0.25=0.25mm bare fiber, 0.9=0.9mm loose tube, etc
E	Fiber Type	PM630
F	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
G	Package Size	3x54mm, 3x70mm, 90x16 x9mm, etc
H	Fiber length	003=0.3m, 005=0.5m, 010=1.0m, 100=10m, etc
For example: PMC- 2x2-627-50/50-0.9-PM630-FC/APC*4-3x54-010		