

980nm or 1064nm PM fused fiber Couplers

Product Features

- Low insertion loss
- High return loss
- High stability and reliability

Product Applications

- Fiber communication on system test Test
- Optical passive component test
- Optics lab use

Parameter	Value				
Operating Wavelength(nm)	980 or 1060				
Bandwidth (nm)	±20				
Excess Loss(dB)	≤ 0.4				
ER(dB)	≥20				
Coupling Ratio(%)	10/90	20/80	1/99	5/95	50/50
Max. Insertion Loss (dB)	11.6/1.2	8.0/1.5	22.0/0.4	14.8/0.8	3.6
Directivity (dB)	≥55				
Maximum Optical Power (W)	2				
fiber type	PM980				
Operating Temperature (°C)	-40 ~ +85				
Storage temperature	-50 ~ +85				

* The above specification is without connector.

** Other specifications can be made on customer request.

Ordering Information

Configuration	1×2 or 2×2		
fiber Type	250um bare fiber	900um loose tube	3mm loose cable (or 2mm)
Package Dimensions (mm)	φ3.0×54	φ3.0×54	90×14×8.5

Ordering Information						
PMC	Configuration	Central Wavelength	Coupling Ratio (%)	Pigtail Type	Fiber Length	Connector
	1X2 2X2	980nm 1064nm Specify	1:99 20:80 40:60 50:50 Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify