

Fused Type PM Fiber Standard Coupler

Features

- High Power Handling
- Low Insertion Loss
- High Stability & Reliability

Applications

- Coherent Communication
- Power Monitor
- Fiber Sensor

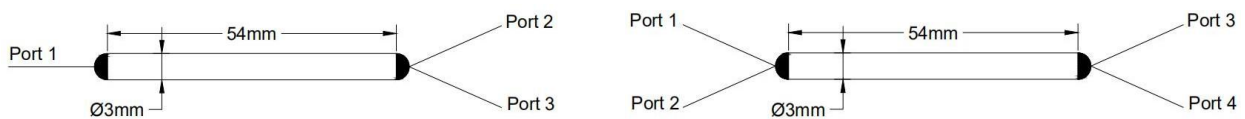
Specifications

Parameter	Unit	Value					
Grade	/	P	A	P	A	P	A
Center Wavelength	nm	1550, 1310		1064, 1040, 1030, 980		850, 780	
Operating Bandwidth	nm	±15					
Max. Excess Loss	dB	0.4	0.5	0.5	0.6	0.6	0.8
Min. Extinction Ratio	dB	20	18	20	18	20	18
Min. Directivity	dB	50					
Max. Return Loss	dB	55					
Max. Optical Power (CW)	W	3					
Fiber Type	-	PM Panda Fiber					
Package Dimension	mm	φ3*54					
Operating Temperature	°C	-5~+75					
Storage Temperature	°C	-40~+85					
Splitting Ratio Tolerance		Grade P			Grade A		
Splitting Ratio	50/50	%	±4.8			±7.0	
	40/60	%	±3.9			±5.5	
	30/70	%	±2.5			±4.0	
	20/80	%	±2.3			±3.1	
	10/90	%	±2.1			±2.6	
	5/95	%	±1.4			±1.5	
	1/99	%	±0.5			±0.6	

For device with connector, IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower.

The default connector key is aligned to slow axis.

Package Dimension



Ordering Information

PMFUC-1111-2344-555-67-8-999 (1x2 Type) / PMFUC-1111-2344-555-67-8-9999 (2x2 Type)

1111 - Wavelength:	1550=1550nm, 1310=1310nm, 1064=1064nm, 980=980nm,.....
2 - Grade:	P=Grade P, A=Grade A
3 - Port Type:	3=1x2, 4=2x2
44 - Tap Ratio:	01=1/99, 05=5/95,, 50=50/50
555 - Fiber type:	001=PM1550, 002=PM1310, 003=PM980, SSS=Specify
6 - Package Dimension:	0=φ3.0x54mm, 1=φ3x60mm, S=Specify
7 - Pigtail type:	0=bare fiber, 1=900μm loose tube
8 - Fiber length:	0.75=0.75m, 1.0=1m, S=Specify
9999 - Connector type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify