

Fused Type PM Fiber Standard Coupler

Features

High Power Handling
 Low Insertion Loss
 High Stability & Reliability

Applications

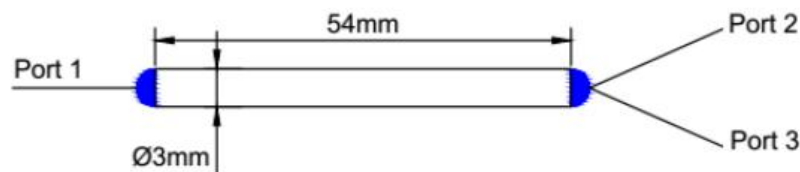
Coherent Communication
 Power Monitor
 Fiber Sensor

Specifications

Parameter	Unit	Value								
		P		A		P		A		
Grade	/	P		A		P		A		
Center Wavelength	nm	1310, 1550			980, 1030, 1040, 1064			780, 850		
Operating Bandwidth	nm	±15								
Max. Excess Loss	dB	0.3	0.4	0.4	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(bare fiber,0.9mm loose tube), 90*20*10(0.9mm/2.0mm/3.0mm loose tube)								
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, ER is 2dB lower.
 The default connector key is aligned to slow axis.

Package Dimension



Ordering Information

PMFUC-1111-2344-555-678-9999

1111	-Wavelength:	980=980nm, 1064=1064nm, 1310=1310nm, 1550=1550nm
2	-Grade:	P=Grade P, A=Grade A
3	-Port Type:	1=1x2, 2=2x2
44	-Tap Ratio:	01=01%, 05=05%,, 50=50%
555	-Fiber type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
6	-Package Dimension:	0=φ3.0x54mm
7	-Pigtail type:	0=250μm bare fiber, 1=900μm loose tube, 2=2.0mm loose tube, 3=3.0mm loose tube
8	-Fiber length:	0=0.8m, 1=1m
9999	-Connector type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC