

PM Coupler Fused Type

980nm, 1064nm, 1310nm, 1550nm

Features

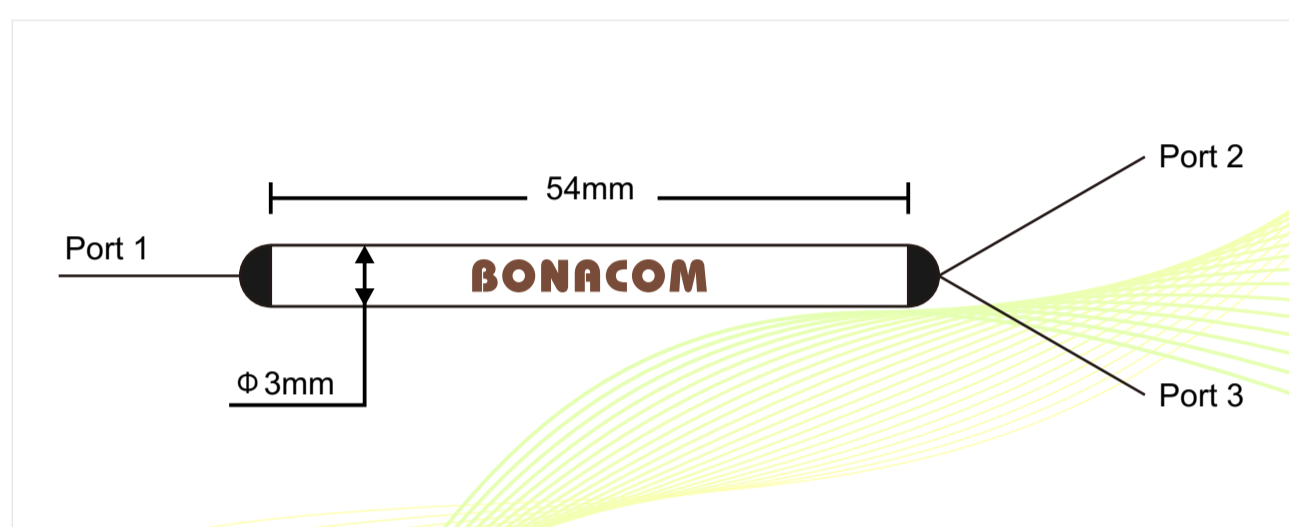
High Power Handling
Low Insertion Loss
High Stability & Reliability

Applications

Coherent Communication
Power Monitor
Fiber Sensor



Package Dimensions



Address: 2F,DF Industrial Park,Shanghenglang Community,Dalang,Longhua New District,Shenzhen,P.R.C.518109.
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December 2019

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BN-CG-IS-19-2

Specifications

Parameter	Unit	Value					
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.

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

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