

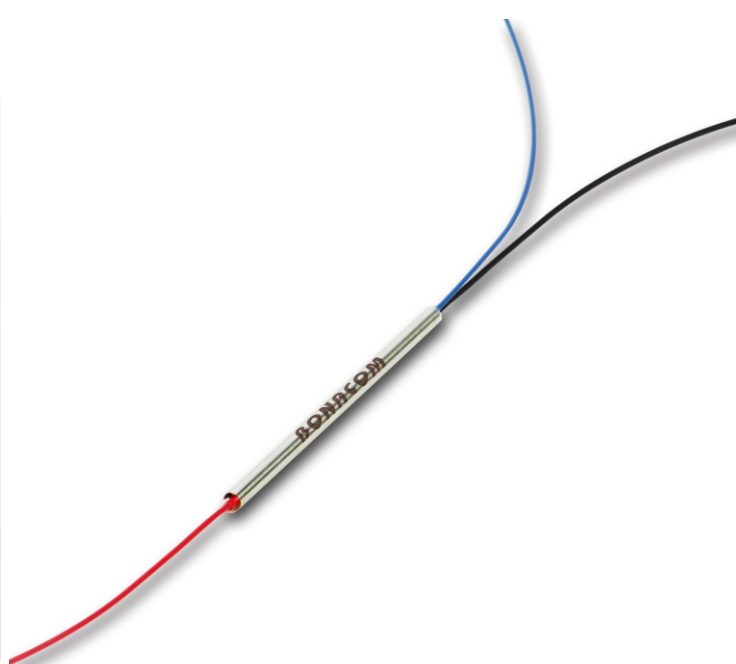
2 μ m PM Coupler Fused Type

Features

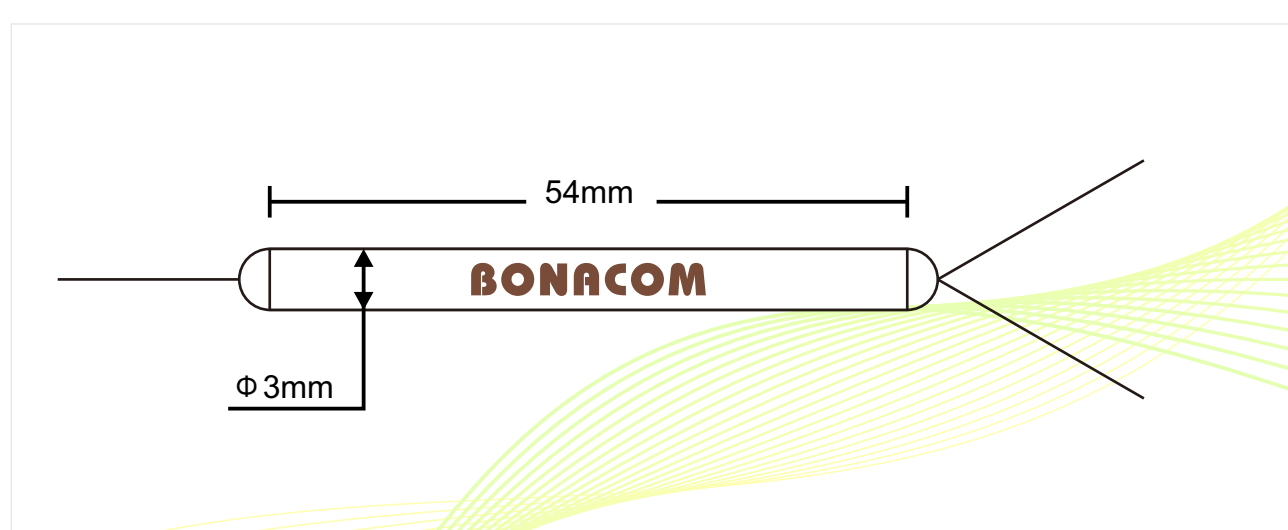
- Low Insertion Loss
- High Extinction Ratio
- Available for Slow Axis Only or Fast Axis APP
- High Stability & Reliability

Applications

- Fiber Gyroscope
- 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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BN-CG-IS-19-2

◆ Specifications

Parameter	Unit	Value	
Operating Wavelength	nm	1900,1950,2000	
Operating Bandwidth	nm	±15	
Max. Insertion Loss	50/50	dB	3.6/3.6
	40/60	dB	4.8/2.8
	30/70	dB	6.0/2.0
	20/80	dB	8.0/1.5
	10/90	dB	11.5/0.75
	5/95	dB	14.5/0.5
	2/98	dB	18.5/0.35
	1/99	dB	22/0.3
Max. Excess Loss	dB	0.3	
Min.Extinction Ratio	dB	20	
Max. Polarization Dependent Loss	dB	0.15	
Min. Directivity	dB	50	
Max. Return Loss	dB	50	
Max. Optical Power(CW)	W	2	
Fiber Type	-	PM1550, PM1950	
Package Dimension	mm	3*54(bare fiber,0.9mm loose tube), 90*20*10(0.9mm/2mm/3mm loose tube)	
Operating Temperature	°C	0~+65	
Storage Temperature	°C	-40~+85	

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-1111-233-444-567-8888

1111	-Wavelength:	1900=1900nm,1950=1950nm,2000=2000nm
2	-Port Type:	1=1x2,2=2x2
33	-Tap Ratio	01=01%, 05=05%,, 50=50%
444	-Fiber type	001=PM1550, 008=SMF-28E, 045=Nufern PM1950, 046=Nufern SM1950
5	-Package Dimension:	0=φ3.0x54mm
6	-Pigtail type:	0=250μm bare fiber, 1=900μm loose tube, 2=2.0mm loose tube, 3=3.0mm loose tube
7	-Fiber length:	0=0.8m,1=1m
8888	-Connector type:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC

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