

# 1x2 Polarization-Insensitive Fused PM Fiber Broadband Splitter



## Product Features

- Operating on both Fast and Slow Axis
- Low Excess Loss
- Polarization-Insensitive
- High Power Handling
- Telcordia GR-1221 Compliant Test

## Product Applications

- Optical Amplifier
- Power Monitoring
- Coherent Communication
- Fiber Gyroscope

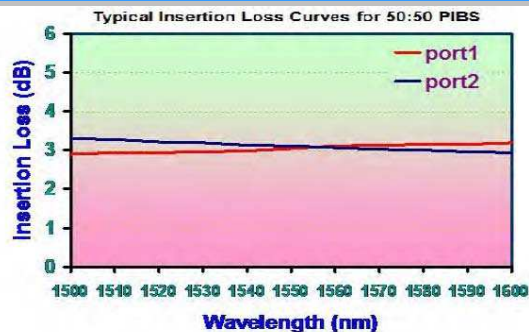
Specifications			Splitting Ratio: 50:50	
Parameter	Unit	Premium	A grade	
Port Configuration		1x2		
Central Wavelength	nm	1310, 1480, 1550, 2000		
Bandwidth	nm	±40		
Excess Loss	Typ. dB	0.4	0.6	
Excess Loss	Max. dB	0.6	0.8	
Polarization Dependent Loss	Max. dB	0.1	0.2	
Polarization Extinction Ratio	Min. dB	20	17	
Splitting Ratio Tolerance	Max. %	±5	±7	
Return Loss*	Min. dB	50	45	
Directivity	Min. dB	55		
Operating power	Max. W	2		
Operating Temperature	°C	-40 to +85		
Storage Temperature	°C	-50 to +85		
Package Type	mm	S6 / S8 / M1		

Above PER is for more than 10%(CR) port, it's 2dB lower for no more than 10%(CR) port, and 4dB lower for no more than 5%(CR) port.

All specifications are before connectors. PER is 2dB lower and EL is 0.2dB higher after connectors.

\* Test at central wavelength only.

## Typical Spectrum



## Ordering Information

P	I	B	S		1	5	0																						
Wavelength	4=1550nm	5=1480nm	7=1310nm	P=2000nm	S=Specify	Structure	1=1x2	Splitting Ratio	50=50:50	Grade	P=Premium	A=A grade	Package	5=S6 with 250um bare fiber pigtail	7=S8 with 0.9mm loose tube	D=M1 with 3mm cable	Fiber Type	E=Panda fiber	Fiber Length	0=0.5m	1=0.75m	2=1.0m	S=Specify	Connector	0=None	1=FC/PC	2=FC/SPC	3=FC/APC	7=FC/UPC

Note: 1. Central Wavelength can be customized for different applications.  
2. All specifications are subject to change without notice.