

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

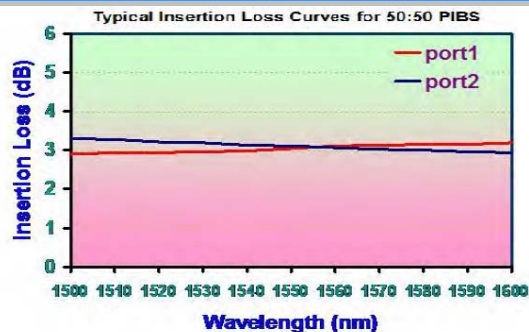
Specifications			Splitting Ratio: 50:50	
Parameter	Unit		Premium	A grade
Port Configuration			1x2	
Central Wavelength	nm		1310, 1480, 1550, 2000	
Bandwidth	nm		±40	
Excess Loss	Typ.	dB	0.4	0.6
Excess Loss	Max.	dB	0.6	0.8
Polarization Dependent Loss	Max.	dB	0.1	0.2
Polarization Extinction Ratio	Min.	dB	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	Structure	Splitting Ratio		Grade	Package	Fiber Type	Fiber Length	Connector
				4=1550nm 5=1480nm 7=1310nm P=2000nm S=Specify	1=1x2	50=50:50		P=Premium A=A grade	5=S6 with 250um bare fiber pigtail 7=S8 with 0.9mm loose tube D=M1 with 3mm cable	E=Panda fiber	0=0.5m 1=0.75m 2=1.0m S=Specify	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.