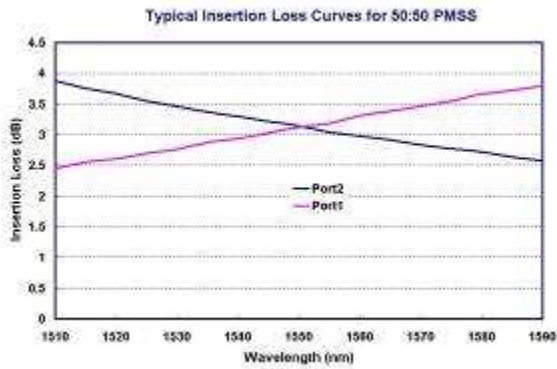


# 1x2(2x2) 400um Fused PM Fiber Standard Splitter (Mixer)



## Product Features

- Low Excess Loss
- High Extinction Ratio
- High Power Handling
- Available for Slow or Fast Axis Operation
- Telcordia GR-1221 Compliant Test

## Product Applications

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

## Specifications

Parameter	Unit	Premium	A grade
Port Configuration		1x2 or 2x2	
Central Wavelength	nm	1480, 1550, 2000	
Bandwidth	nm	±20	
Excess Loss	Typ. dB	0.2	0.3
Excess Loss	Max. dB	0.4	0.6
Polarization Extinction Ratio	Min. dB	20	17
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	

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.

\* Test at central wavelength only.

## Splitting Ratio & Its Tolerance

Splitting Ratio	Maximum Splitting Ratio Tolerance (%)	
	Premium	A grade
99/1	±0.5	±0.6
98/2	±0.8	±1.0
95/5	±1.5	±1.7
90/10	±2.2	±2.4
80/20	±2.5	±3.0
70/30	±3.0	±3.7
60/40	±4.0	±4.8
50/50	±5.0	±6.0

## Ordering Information

P	M	S	S						
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Fiber Length	Connector		
4=1550nm 5=1480nm P=2000nm S=Specify	1=1x2 2=2x2	99=99:1 98=98:2 95=95:5 90=90:10 80=80:20 70=70:30 60=60:40 50=50:50	P=Premium A=A grade	5=S6 with 400um bare fiber pigtail	E=Panda fiber	0=0.5m 1=0.75m 2=1.0m S=Specify	0=None		

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