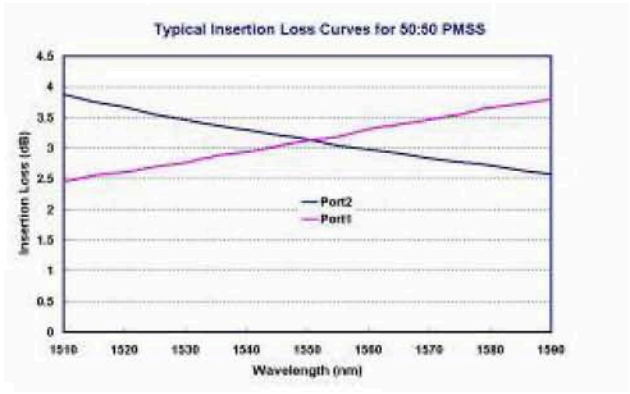
1x2(2x2) 400μm Fused PM Fiber Standard Splitter (Mixer)



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	55	50
Operating power	Max.	W	2	
Operating Temperature		°C	-40 to +85	
Storage Temperature		°C	-50 to +85	
Package Type		mm	S6=Ø3x54	

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. There would be an unused termination port around 20cm for 1x2 version.*

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 4=1550nm 5=1480nm P=2000nm S=Specify	Structure 1=1x2 2=2x2	Splitting Ratio 99=99:1 98=98:2 95=95:5 90=90:10 80=80:20 70=70:30 60=60:40 50=50:50	Grade P=Premium A=A grade	Package 5=S6 with 400μm bare fiber pigtail	Fiber Type G=400μm Panda fiber	Fiber Length 0=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m S=Specify	Connector 0=None

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are subject to change without notice.
3. All data are measured at central wavelength at room temperature.

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