

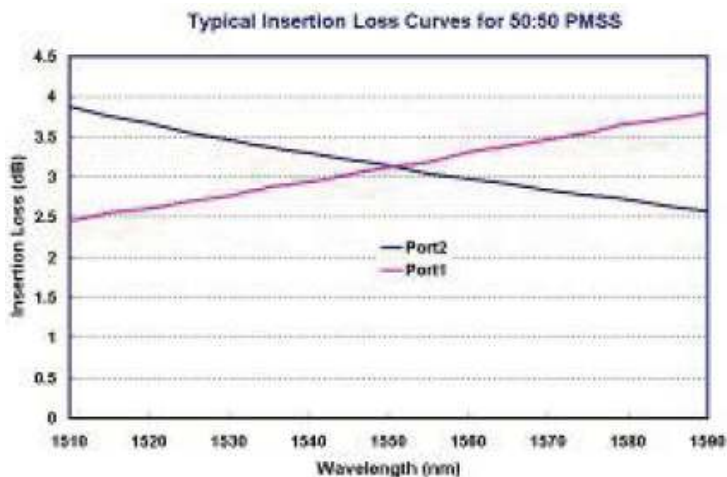
## 1x2(2x2) Fused PM Fiber Standard Splitter(Mixer)

### Features

- Low excess loss
- High extinction ratio
- High power handling
- Available for slow or fast axis operation
- Telcordia GR-1221 compliant test

### Applications

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



### Specifications

Parameters	Unit	Premium	A Grade	Premium	A Grade
Port Configuration		1x2 or 2x2			
Central Wavelength	nm	633, 780, 830, 980, 1064		1310, 1480, 1550	
Bandwidth	nm	±20			
Typ. Excess Loss	dB	0.6	0.8	0.2	0.3
Max. Excess Loss	dB	0.8	1.0	0.4	0.6
Min. Polarization Extinction Ratio	dB	18	15	20	17
Min. Return Loss	dB	50	45	50	45
Min. Directivity	dB	55			
Max. Optical Power	W	2			
Operating Temperature	°C	-40 to +85			
Storage Temperature	°C	-50 to +85			

\* 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.

### 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**
**PMSS-①-②-③③-④-⑤-⑥-⑦**

①: Wavelength	②: Configuration	③③: Spliting Ratio	④: Grade	⑤: Fiber Type	⑦: Connector Type
4 - 1550nm	1 - 1 × 2	99=99:1	P=Premium	E – Panda Fiber	1 - FC/PC
5 - 1480nm	2 - 2 × 2	98=98:2	A=Grade A		2 - FC/SPC
7 - 1310nm		95=95:5		⑥: Fiber Length	3 - FC/APC
8 - 1064nm		90=90:10		0 - 0.5 m	4 - FC/UPC
9 - 980nm		80=80:20		1 - 0.75 m	N - None
K - 830nm		70=70:30		2 - 1 m	S - Specify
L - 780nm		60=60:40		S - Specify	
B - 633nm		50=50:50			

Note: 1.All specifications are before connection.

2. Central Wavelength can be customized for different applications.

3. All specifications are subject to change without notice.