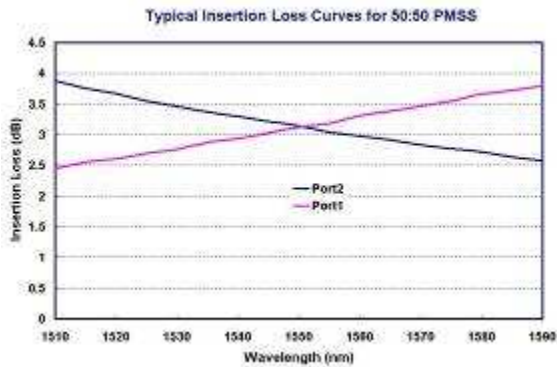


# 1x2(2x2) Fused Hybrid PM Fiber Standard Tap



## 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 Amplifiers
- Power Monitoring
- Telecomm Systems
- Testing Equipment

## Specifications

Parameter	Unit	Premium	A grade	Premium	A grade
Port Configuration		1x2 or 2x2			
Central Wavelength	nm	780, 830, 980, 1064		1310, 1480, 1550, 2000	
Bandwidth	nm	±20			
Excess Loss	Typ. dB	0.4	0.6	0.2	0.3
Excess Loss	Max. dB	0.6	0.8	0.4	0.6
PER for Through Port	Min. dB	20	17	20	17
Return Loss*	Min. dB	50	45	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.

## Splitting Ratio & Its Tolerance

Splitting Ratio	Maximum Splitting Ratio Tolerance (%)	
	Premium	A grade
99.5/0.5	±0.2	±0.3
99/1	±0.4	±0.5
98/2	±0.6	±0.8
95/5	±1.5	±1.8
90/10	±2.0	±2.5
80/20	±2.5	±3.0

Fiber Type	PM Fiber Port	SM Fiber Port
Type 1	Panda Fiber	SMF-28e Fiber or Equivalent Fiber
Type 2	Panda Fiber	HI1060 Fiber or Equivalent Fiber
Type 3	Panda Fiber	HI780C Fiber or Equivalent Fiber

## Ordering Information

P	M	S	T								
				Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Fiber Length	Connector
				4=1550nm 5=1480nm 7=1310nm 8=1064nm 9=980nm L=780nm K=830nm P=2000nm S=Specify	1=1x2 2=2x2	05=99.5:0.5 99=99:1 98=98:2 95=95:5 90=90:10 80=80:20 ...	P=Premium A=A grade	5=S6 with 250um bare fiber pigtail 7=S8 with 0.9mm loose tube D=M1 with 3mm cable	1=Type 1 2=Type 2 3=Type 3	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.