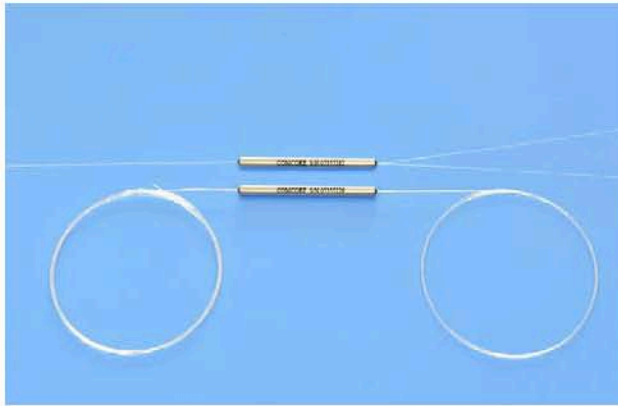


1x2(2x2) Polarization-Insensitive Fused Hybrid PM Fiber Tap



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 Amplifiers
- Power Monitoring
- Coherent Communication
- Fiber Gyroscope

Specifications

Parameter	Unit	Premium	A grade	Premium	A grade	
Port Configuration		1x2 or 2x2				
Central Wavelength	nm	780, 830, 980, 1030, 1064		1310, 1480, 1550, 2000		
Bandwidth	nm	±20				
Excess Loss	Typ.	dB	0.5	0.7	0.4	0.6
Excess Loss	Max.	dB	0.7	0.9	0.6	0.8
Polarization Dependent Loss	Max.	dB	0.1	0.2	0.1	0.2
PER for Through Port	Min.	dB	20	18	20	18
Return Loss*	Min.	dB	55	50	55	50
Operating power	Max.	W	2			
Operating Temperature	°C	-40 to +85				
Storage Temperature	°C	-50 to +85				
Package Type	mm	S5= Ø3x40 / S6=Ø3x54 / S8=Ø3x76				

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. 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
99.5/0.5	±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	G652 Fiber or Equivalent Fiber
Type 2	Panda Fiber	SM1060 Fiber or Equivalent Fiber
Type 3	Panda Fiber	SM780C Fiber or Equivalent Fiber
Type 4	Large Mode Area Panda Fiber	SM1060 Fiber or Equivalent Fiber

Ordering Information

P	I	B	T						
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Fiber Length	Connector		
4=1550nm 5=1480nm 7=1310nm 8=1064nm R=1030nm 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	4=S5 with 250µm bare fiber pigtail 5=S8 with 250µm bare fiber pigtail 7=S8 with 0.9mm loose tube	1=Type 1 2=Type 2 3=Type 3 4=Type 4	0=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m S=Specify	0=None 1=F C/PC 2=F C/APC 3=F C/APC 7=F C/UPC		

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.