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, 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
Operating power	Max.	W	2			
Operating Temperature		°C	-40 to +85			
Storage Temperature		°C	-50 to +85			
Package Type		mm	S6 / S8			

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
99.5/0.5	±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
Type 4	Large Mode Area Panda Fiber	HI1060 Fiber or Equivalent Fiber

Ordering Information

P	I	B	T										
				Wavelength 4=1550nm 5=1480nm 7=1310nm 8=1064nm 9=980nm L=780nm K=830nm P=2000nm S=Specify	Structure 1=1x2 2=2x2	Splitting Ratio 05=99.5:0.5 99=99:1 98=98:2 95=95:5 90=90:10 80=80:20 … …		Grade P=Premium A=A grade	Package 5=S6 with 250um bare fiber pigtail 7=S8 with 0.9mm loose tube	Fiber Type 1=Type 1 2=Type 2 3=Type 3 4=Type 4	Fiber Length 0=0.5m 1=0.75m 2=1.0m S=Specify	Connector 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.

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