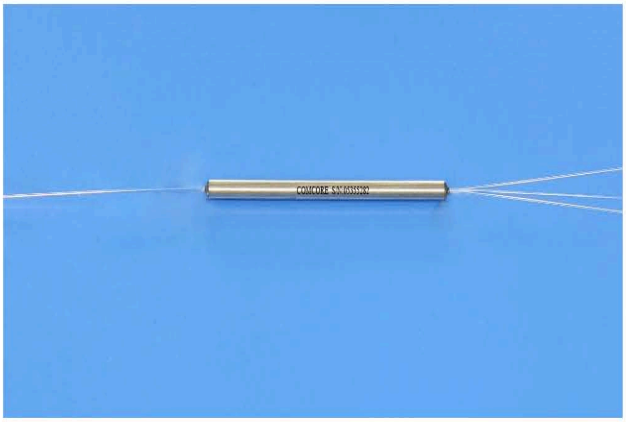
1x3 Polarization-Insensitive Fused Hybrid PM Fiber Tap



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
- Telecomm System
- Testing Equipment

Specifications

Parameter		Unit	Premium	A grade	Premium	A grade
Port Configuration			1x3			
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	18	15	18	16
Operating power	Max.	W	2			
Operating Temperature		°C	-40 to +85			
Storage Temperature		°C	-50 to +85			
Package Type		mm	S6=Ø3x54 / S12=Ø4x70 / M2=7.5x18x90			

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	
	Main Port	Tap Port	Main Port	Tap Port
0.5/99/0.5	±0.4	±0.2	±0.5	±0.3
1/98/1	±0.6	±0.4	±0.8	±0.5
2.5/95/2.5	±1.5	±0.8	±1.8	±1.0
5/90/5	±2.0	±1.2	±2.5	±1.3
10/80/10	±2.5	±1.5	±3.0	±1.8

Fiber Type	Common Port	Through Port	Coupling Port 1	Coupling Port 2
Type 1	Panda Fiber	Panda Fiber	G652 Fiber or Equivalent Fiber	G652 Fiber or Equivalent Fiber
Type 2	Panda Fiber	Panda Fiber	SM1060 Fiber or Equivalent Fiber	SM1060 Fiber or Equivalent Fiber
Type 3	Panda Fiber	Panda Fiber	SM780 Fiber or Equivalent Fiber	SM780 Fiber or Equivalent Fiber
Type 4	Panda Fiber	Panda Fiber	G652 Fiber or Equivalent Fiber	Panda Fiber
Type 5	Panda Fiber	Panda Fiber	SM1060 Fiber or Equivalent Fiber	Panda Fiber
Type 6	Panda Fiber	Panda Fiber	SM780 Fiber or Equivalent Fiber	Panda Fiber

Ordering Information

P	I	B	T										
				Wavelength 4=1550nm 5=1480nm 7=1310nm 8=1064nm R=1030nm 9=980nm L=780nm K=830nm P=2000nm	Structure 3=1x3	Splitting Ratio 99=0.5:99:0.5 98=1:98:1 95=2.5:95:2.5 90=5:90:5 80=10:80:10 … …		Grade P=Premium A=A grade	Package 5=S6 with 250μm bare fiber pigtail B=S12 with 0.9mm loose tube E=M2 with 3mm cable	Fiber Type 1=Type 1 2=Type 2 3=Type 3 4=Type 4 5=Type 5 6=Type 6	Fiber Length 0=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m 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.
3. All data are measured at central wavelength at room temperature.

COMCORE