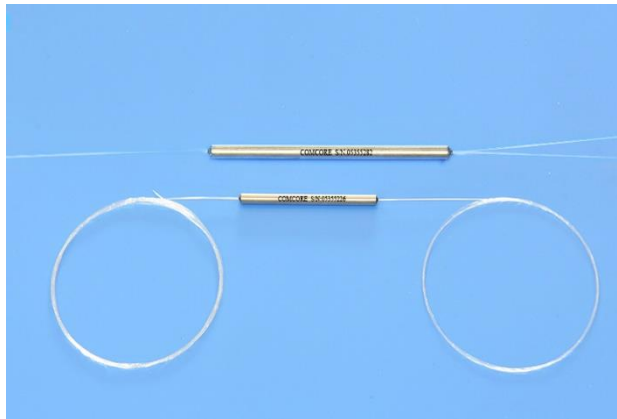


1x2(2x2) Compact Fused Hybrid PM Fiber Tap



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	0.6	0.8	0.3	0.5
Excess Loss	Max.	dB	0.8	1.0	0.5	0.7
PER for Through Port	Min.	dB	20	17	20	17
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	S4=Ø3x35mm / S5= Ø3x40mm / S6=Ø3x54mm				

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.

*There would be a high return loss port around 30cm for 1x2 version. And there would be a black mark with a length of 3-5 cm on it.

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	±0.7	±1.0
95/5	±1.8	±2.1
90/10	±2.5	±3.0
80/20	±3.0	±4.0

Fiber Type	PM Fiber Port	SM Fiber Port
Type 1	Panda Fiber	G652 Fiber
Type 2	Panda Fiber	HI1060 Fiber or Equivalent Fiber
Type 3	Panda Fiber	HI780 Fiber or Equivalent Fiber
Type 4	Large Mode Area Panda Fiber	Large Mode Area Fiber

Ordering Information

P	M	C	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	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	3=S4 with 250µm bare fiber pigtail 4=S5 with 0.9mm loose tube 5=S6 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 5=2.5m 6=3.0m	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.