

## 2x1 Fused PM Fiber Standard Combiner



### Product Features

- Low Excess Loss
- High Extinction Ratio
- High Power Handling
- Telcordia GR-1221 Compliant Test

### Product Applications

- Pump Combining for EDFA
- High Power Source
- Polarization-independent Source

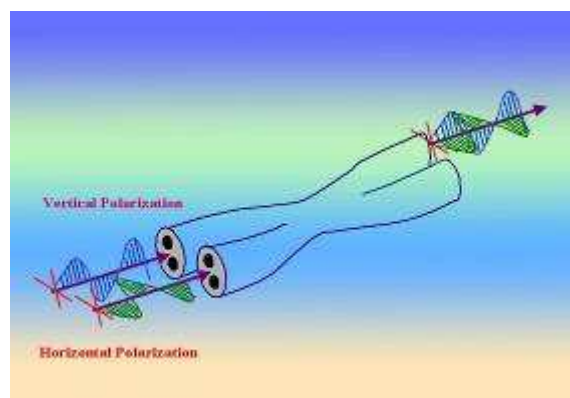
### Specifications

Parameter	Unit	Premium	A grade	Premium	A grade	
Port Configuration		2x1				
Central Wavelength	nm	780, 830, 980, 1064		1310, 1480, 1550, 2000		
Bandwidth	nm	±10				
Insertion Loss in Slow Axis Channel	Max.	dB	1.0	1.2	0.4	0.6
Insertion Loss in Fast Axis Channel	Max.	dB	1.4	1.6	0.8	1.1
Insertion Loss in Fast Axis Channel	Typ.	dB	1.0	1.2	0.5	0.7
Return Loss*	Min.	dB	45			
Power Handling	Min.	mw	1000			
Operating Temperature		°C	-40 to +85			
Storage Temperature		°C	-50 to +85			
Package Type		mm	S9 / S10 / M3			

*All specifications are before connectors. PER is 2dB lower and EL is 0.2dB higher after connectors.*

*\* Test at central wavelength only.*

### Typical Spectrum



### Ordering Information

P	M	S	C							
Wavelength	Structure	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	Y=2x1	P=Premium A=A grade	8=S9 with 250um bare fiber pigtail 9=S10with 0.9mm loose tube F=M3 with 3mm cable	E=Panda fiber	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.