

2x1 Fused PM Fiber Standard Combiner



Product Features

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

Product Applications

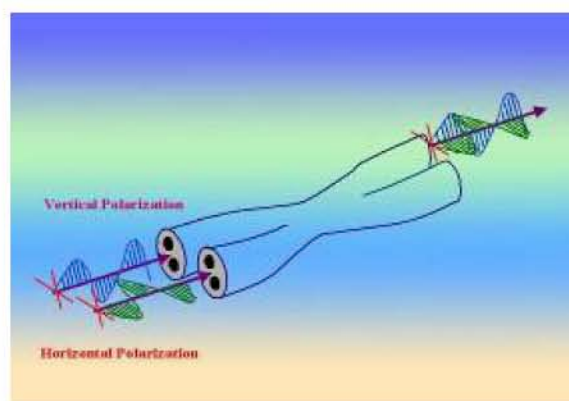
- Pump Combining for EDFA
- High Power Source
- Polarization-independent Source

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
Power Handling	Min.	mw	1000			
Operating Temperature		°C	-40 to +85			
Storage Temperature		°C	-50 to +85			
Package Type		mm	S9=Ø3x76 / S10=Ø3x92 / M3=7.5x18x85			

All specifications are before connectors. IL is 0.2dB higher after connectors.

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 250µm bare fiber pigtail 9=S10 with 0.9mm loose tube F=M3 with 3mm cable	E=Panda fiber L=Large mode area panda fiber	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/SPC 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.