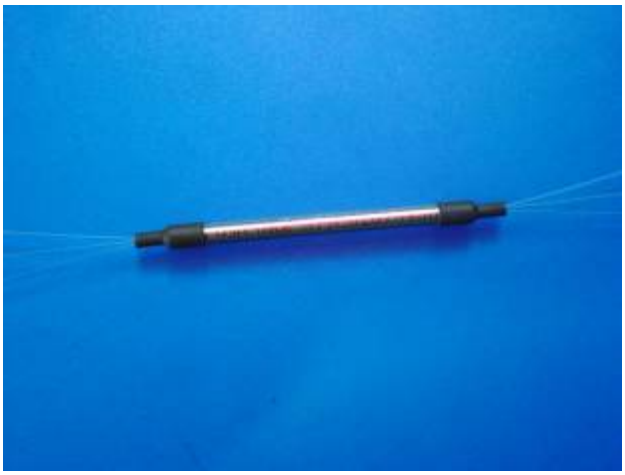
3x3 Polarization-Insensitive Fused PM Fiber Splitter / Mixer



Product Features

- Operating on both Fast and Slow Axes
- Low Excess Loss
- Polarization-Insensitive
- High Power Handling
- Telcordia GR-1221 Compliant Test

Product Applications

- Optical Amplifier
- Optical Sensor
- Coherent Optical System
- Optical Testing Equipment

Specifications			Splitting Ratio:	33:33:33
Parameter		Unit	Premium	A grade
Port Configuration			3x3	
Central Wavelength		nm	1310, 1480, 1550	
Bandwidth		nm	±20	
Excess Loss	Typ.	dB	0.7	0.9
Excess Loss	Max.	dB	0.9	1.1
Polarization Dependent Loss	Max.	dB	0.1	0.2
Polarization Extinction Ratio	Min.	dB	17	15
Splitting Ratio Tolerance	Max.	%	±10	±13
Return Loss*	Min.	dB	50	45
Directivity*	Min.	dB	55	
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.

** Test at central wavelength only.*

Ordering Information

P	I	B	S				3	3						
				Wavelength 4=1550nm 5=1480nm 7=1310nm	Structure A=3x3		Splitting Ratio 33=33:33:33		Grade P=Premium A=A grade	Package 5=S6 with 250um bare fiber pigtail 7=S8 with 0.9mm loose tube	Fiber Type E=Panda fiber	Fiber Length 0=0.5m 1=0.75m 2=1.0m	Connector 0=None 1=FC/PC 2=FC/SPC 3=FC/APC 7=FC/UPC

Note: 1.All specifications are before connectorization.
2.Central Wavelength can be customized for different applications.
3.All specifications are subject to change without notice.

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