

1x2 (2x2) 80um Polarization-Insensitive PM Fiber Splitter / Mixer



Specifications

Parameter	Unit	Premium	A grade	
Port Configuration		1x2, 2x2		
Central Wavelength	nm	1550		
Splitting Ratio Tolerance at 1550nm	Max	%	± 5	± 10
Splitting ratio Difference at both axes	Max	%	± 1.0	± 2
Excess Loss	Typ.	dB	0.6	0.8
Excess Loss	Max.	dB	0.8	1.0
Polarization Extinction Ratio	Min.	dB	18	16
Return Loss*	Min.	dB	50	
Directivity*	Min.	dB	55	
Operating power	Max.	W	2	
Operating Temperature		°C	-10 to +70	
Storage Temperature		°C	-50 to +85	
Package Type / Size	mm	S4	Ø3x35: for 165um Bare Fiber Pigtail	

* Test at central wavelength only.

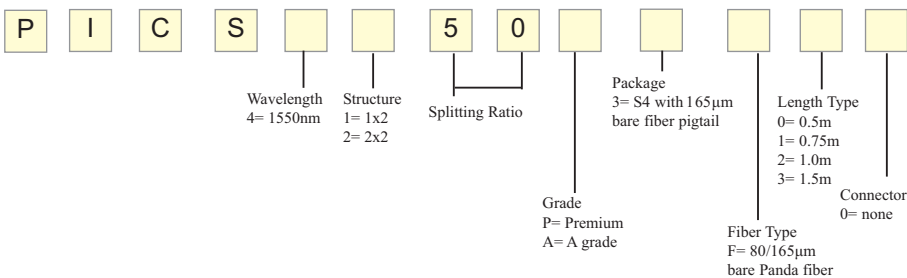
Features / Benefits

- Compact size
- Low excess loss
- High power handling
- Operating on both on fast and axes
- Telecordia GR-1221 compliant test

Applications

- Optical amplifier
- Power monitoring
- Coherent communication
- Fiber gyroscope

Ordering Information



This product information is subject to change without notice.