

# 1x2 (2x2) 80μm Fused PM Fiber Splitter



## Specifications

Parameter	Unit	Premium	A grade	
Port Configuration	-	1x2 or 2x2		
Central Wavelength	nm	1310, 1480, 1550		
Bandwidth	nm	± 20		
Excess Loss	Typ.	dB	0.4	0.7
Excess Loss	Max.	dB	0.6	0.9
Polarization Extinction Ratio	Min.	dB	18	16
Return Loss*	Min.	dB	50	50
Directivity*	Min.	dB	55	55
Operating Power	Max.	W	2	
Operating Temperature	°C	-40 to +85		
Storage Temperature	°C	-50 to +85		
Package Type	mm	Φ3 x 30: for bare fiber		

\* Test at central wavelength only

## Features / Benefits

- Compact size
- Low excess loss
- High power handling
- Telcordia GR-1221 compliant test

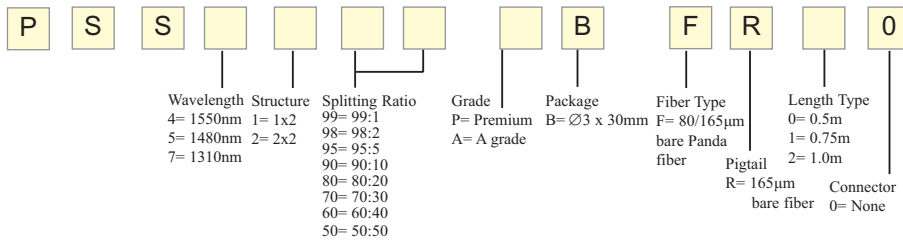
## Applications

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

## Splitting Ratio & Its Tolerance

Splitting Ratio	Maximum Splitting Ratio Tolerance (%)	
	Premium	A grade
99/1	± 0.5	± 0.7
95/5	± 1.5	± 1.7
90/10	± 2.2	± 2.8
80/20	± 2.5	± 3.3
70/30	± 3.0	± 4.5
60/40	± 4.0	± 6.0
50/50	± 5.0	± 8.0

## Ordering Information



This product information is subject to change without notice.