

# 1x3 Fused PM Fiber Standard Splitter



## Features / Benefits

- Low excess loss
- High extinction ratio
- High power handling
- Telcordia GR-1221 compliant test

## Applications

- Optical amplifier
- Optical sensor
- Coherent optical system
- Optical testing equipment

## Specifications

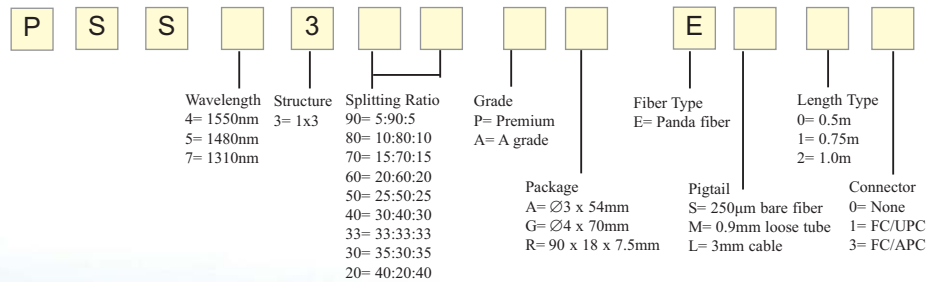
Parameter		Unit	Premium	A grade
Port Configuration		-	1 x 3	
Central Wavelength		nm	1310, 1480, 1550	
Bandwidth		nm	± 20	
Excess Loss	Typ.	dB	0.3	0.5
Excess Loss	Max.	dB	0.6	0.8
Polarization Extinction Ratio	Min.	dB	18	16
Splitting Ratio Tolerance	Max.	%	± 7	± 10
Return Loss*	Min.	dB	50	50
Directivity*	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 54: for bare fiber Φ4 x 70: for 0.9mm loose tube 90 x 18 x 7.5: for 3mm cable	

\* Test at central wavelength only

## Splitting Ratio & Its Tolerance

Splitting Ratio	Maximum Splitting Ratio Tolerance (%)			
	Premium		A grade	
	Through Port	Coupling Port	Through Port	Coupling Port
5:90:5	± 2.5	± 1.5	± 3.0	± 1.8
10:80:10	± 2.8	± 1.6	± 3.2	± 2.0
15:70:15	± 3.0	± 1.8	± 3.5	± 2.4
20:60:20	± 3.3	± 2.0	± 3.7	± 2.5
25:50:25	± 3.5	± 2.4	± 4.0	± 3.0
30:40:30	± 3.7	± 2.5	± 5.0	± 3.2
33:33:33	± 4.0	± 3.0	± 6.0	± 4.0
35:30:35	± 4.3	± 3.2	± 6.3	± 4.1
40:20:40	± 4.0	± 3.0	± 6.0	± 4.0

## Ordering Information



This product information is subject to change without notice.