

1x3 Polarization-Insensitive Fused PM Fiber Standard Splitter



Specifications

Parameter	Unit	Premium	A grade
Port Configuration		1x3	
Central Wavelength	nm	1310,1480,1550	
Bandwidth	nm	±20	
Excess Loss	Typ. dB	0.4	0.6
Excess Loss	Max. dB	0.6	0.8
Polarization Extinction Ratio	Min. dB	18	16
Polarization Dependent Loss	Max. dB	0.1	0.2
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	mm	S6	S8 M2

* 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

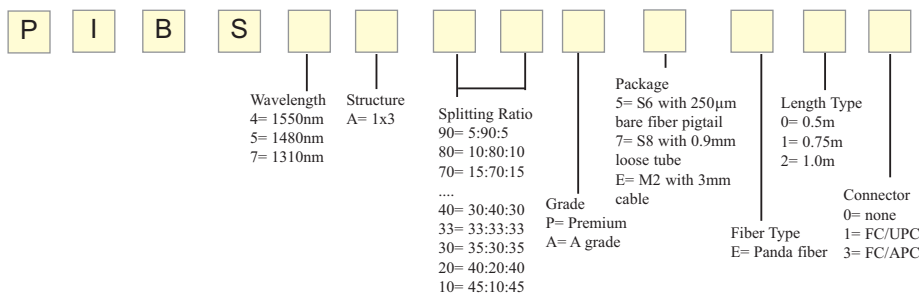
Features / Benefits

- operating on both on fast and slow axes
- Low excess loss
- Polarization insensitive
- High power handling
Telcordia GR-1221 compliant test

Applications

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

Ordering Information



This product information is subject to change without notice.