

1x2 (2x2) Fused PM Fiber Standard Splitter



Features / Benefits

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

Applications

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

Specifications

Parameter		Unit	Premium	A grade
Port Configuration		-	1x2 or 2x2	
Central Wavelength		nm	980, 1060, 1310, 1480, 1550	
Bandwidth		nm	± 20	
Excess Loss	Typ.	dB	0.2	0.3
Excess Loss	Max.	dB	0.4	0.6
Polarization Extinction Ratio	Min.	dB	20	17
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 Φ3 x 70: for 0.9mm loose tube 90 x 20 x 10: for 3mm cable	

* Test at central wavelength only and without connectors

Splitting Ratio & Its Tolerance

Splitting Ratio	Maximum Splitting Ratio Tolerance (%)	
	Premium	A grade
99/1	± 0.5	± 0.6
95/5	± 1.5	± 1.7
90/10	± 2.2	± 2.4
80/20	± 2.5	± 3.0
70/30	± 3.0	± 3.7
60/40	± 4.0	± 4.8
50/50	± 5.0	± 6.0

Ordering Information

