

1x2 (2x2) Ultra-Low PDL Single Mode Narrowband Fused Splitter



Specifications

Parameter		Unit	50 : 50	
			Premium	A grade
Bandwidth		nm	± 10	
Insertion Loss	Max.	dB	3.4	3.6
Excess Loss	Typ.	dB	0.07	0.1
Uniformity	Max.	dB	0.6	1.0
PDL	Max.	dB	0.03	0.05
Return Loss	Min.	dB	50	
Operating Temperature		°C	-40 to +85	
Storage Temperature		°C	-50 to +85	

Note: Return loss without connector; insertion loss does not include connector

Splitting Ratio

Splitting Ratio & Insertion Loss Conversion Table					
Splitting Ratio		Maximum Insertion Loss (dB)			
		Premium		A grade	
Output Port1	Output Port2	Output Port1	Output Port2	Output Port1	Output Port2
50	50	3.4	3.4	3.6	3.6
60	40	2.5	4.4	2.8	4.8
70	30	1.8	5.6	2.0	6.1
80	20	1.1	7.4	1.3	8.0
90	10	0.6	10.8	0.8	12
95	5	0.4	14.6	0.5	18.4
98	2	0.25	19	0.35	20
99	1	0.2	21.5	0.3	22

Features / Benefits

- Ultra-low PDL
- Low excess loss

Applications

- Optical communication system
- Optical power distribution system
- Fiber optic sensors
- Optical test system

Ordering Information

