

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

## Specifications

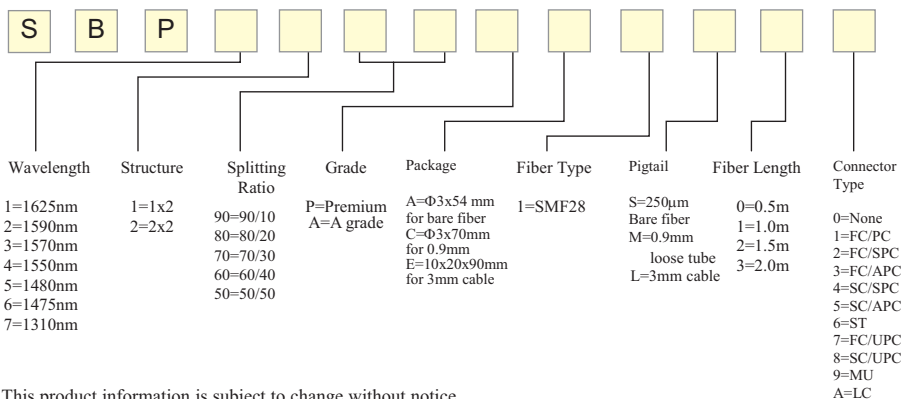
Parameter		Unit	50 : 50	
			Premium	A grade
Bandwidth		nm	± 40	
Insertion Loss	Max.	dB	3.4	3.6
Excess Loss	Typ.	dB	0.07	0.1
Uniformity	Max.	dB	0.6	1.0
PDL	Max.	dB	0.03	0.05
Return Loss	Min.	dB	50	
Operating Temperature		°C	-40 to +85	
Storage Temperature		°C	-50 to +85	

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

## Ordering Information



This product information is subject to change without notice.



## Features / Benefits

- Ultra-low PDL
- Low insertion loss
- Low polarization dependent loss

## Applications

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