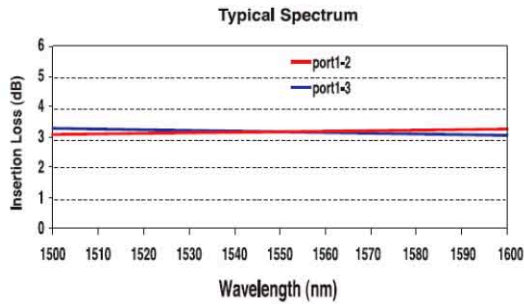


High Power 1x2(2x2) Single Mode Broadband Splitter



Product Features

- Low PDL
- Low Insertion Loss
- High Power Endured
- Stable and Reliable

Product Applications

- Optical Communication System
- Optical Testing System
- Optical Fiber Sensor
- Optical Power Distributor

Specifications		Splitting Ratio: 50:50	
Port Configuration		1x2 or 2x2	
Bandwidth		nm	
Insertion Loss		±40	
Max.	dB	3.4	
Excess Loss	Typ.	0.05	
Uniformity	Max.	0.6	
PDL	Max.	0.1	
Return Loss	Min.	55	
Operating power	Min.	W	
	Max.	W	
Operating Temperature		°C	
Storage Temperature		°C	
Package Type	mm	S11	Ø4x60: for bare fiber
		S12	Ø4x70: for 0.9mm loose tube
		M1	9x16x90: for 0.9mm loose tube or 2mm cable or 3mm cable

*Test at central wavelength only. There would be an unused termination port around 20cm for 1x2 version.

Splitting Ratio & Insertion Loss Conversion Table

Splitting Ratio	Maximum Insertion Loss (dB)	
	Output Port 1	Output Port 2
50:50	3.4	3.4
60:40	2.5	4.4
70:30	1.8	5.6
80:20	1.1	7.4
90:10	0.6	10.8
95:5	0.4	14.6
96:4	0.3	16.0
97:3	0.3	17.5
98:2	0.2	19.0
99:1	0.2	21.5
99.5:0.5	0.2	23.0

Ordering Information

H	P	B	S								
Wavelength	Structure	Splitting Ratio	Package	Fiber Type	Pigtail	Fiber Length	Connector				
1=1625nm	1=1x2	05=99.5:0.5	A=S11	1=G652 or Equivalent	S=250µm bare fiber	0=0.5m	0=None				
2=1590nm	2=2x2	99=99:1	B=S12	H=SM1950	M=0.9mm loose tube	1=0.75m	1=FC/PC				
3=1570nm		98=98:2	D=M1		L=3mm cable	2=1.0m	2=FC/SPC				
4=1550nm		97=97:3			R=2mm cable	3=1.5m	3=FC/APC				
5=1480nm		96=96:4				4=2.0m	4=SC/SPC				
6=1475nm		95=95:5					5=SC/APC				
7=1310nm		...					6=ST				
P=2000nm		50=50:50					7=FC/UPC				
S=Specify							8=SC/UPC				
							9=MU				
							A=LC/PC				
							B=SC/PC				
							C=LC/UPC				
							D=LC/APC				

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are before connectors and are subject to change without notice.