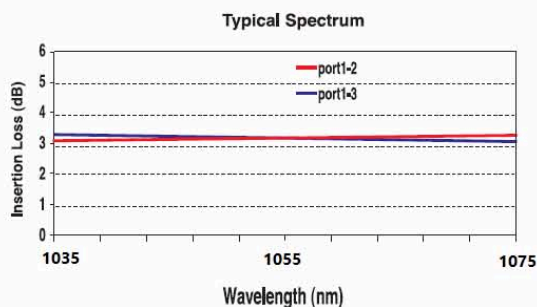


1x2(2x2) 1055nm(1064nm) Single Mode Broadband Splitter



Product Features

- Low PDL
- Low Insertion Loss
- High Directivity
- Stable and Reliable

Product Applications

- OCT (Optical Coherence Tomography)
- Medical System
- Optical Fiber Sensor
- Optical Power Distributor

Specifications		Splitting Ratio: 50:50	
Parameter	Unit	Premium	A grade
Port Configuration		1x2 or 2x2	
Central Wavelength	nm	1064 or 1055	
Bandwidth	nm	± 20	
Ratio	%	50 ± 5	
Excess Loss	Max. dB	0.2	0.3
Uniformity	Max. dB	0.6	0.7
PDL	Max. dB	0.1	0.15
Return Loss*	Min dB	55	50
Operating power	Max. W	5	
Operating Temperature	°C	-40 to +85	
Storage Temperature	°C	-50 to +85	
Package Type	mm	S6	Ø3x54: for bare fiber
		S8	Ø3x70: 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 & Wavelength Dependent Loss Conversion Table

Splitting Ratio	WDL (dB)			
	Premium		A grade	
	Output Port 1	Output Port 2	Output Port 1	Output Port 2
50:50	0.2	0.2	0.25	0.25
70:30	0.4	0.6	0.5	0.7
95:5	0.2	0.6	0.3	0.7

Ordering Information

S	B	S								
Wavelength	Z=1065nm	1=1x2	Splitting Ratio	05=99.5/0.5	Grade	P=Premium	Package	5=95	Fiber Type	5=980-20
	8=1064nm	2=2x2		99=99.1		A=A grade	7=S8	6=SM1060		6=SM1060
	S=Specify			98=98.2			D=M1	8=980-16	Pigtail	S=250µm
				97=97.3						bare fiber
				96=96.4						loose tube
				95=95.5						3=1.5m
				...						4=2.0m
				50=50:50						R=2mm cable
										S=Specify
										Connector
										0=None
										1=FC/PC
										2=FC/SPC
										3=FC/APC
										4=SC/SPC
										5=SC/APC
										6=ST
										7=FC/UPC
										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.