

1x2 PDL-Free 50/50 Broadband Splitter



Product Features

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

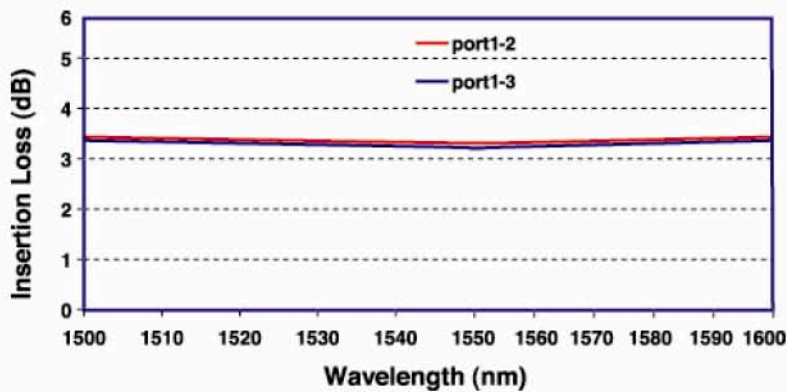
Product Applications

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

Specifications		Splitting Ratio: 50:50	
Parameter	Unit	Premium	A grade
Port Configuration		1x2	
Bandwidth	nm	±40	
Insertion Loss	Max. dB	3.4	3.6
Excess Loss	Typ. dB	0.07	0.1
Uniformity	Max. dB	0.5	0.8
PDL	Max. dB	0.01	0.02
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	S5 or S6	Ø3x40 or 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.

Typical Spectrum



Ordering Information

N	B	S								
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector		
1=1625nm 2=1590nm 3=1570nm 4=1550nm 5=1480nm 6=1475nm 7=1310nm P=2000nm S=Specify	1=1x2	50=50:50	P=Premium A=A grade	4=S5 5=S6 7=S8 D=M1	1=G652 or Equivalent H=SM1950	S=250µm bare fiber M=0.9mm loose tube L=3mm cable R=2mm cable	D=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m S=Specify	D=None 1=F C/PC 2=F C/SPC 3=F C/APC 4=SC/SPC 5=SC/APC 6=ST 7=F C/U/PC 8=SC/U/PC 9=MU A=LC/PC B=SC/PC C=LC/U/PC 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.