

1x2(2x2) Mini Single Mode Broadband Splitter



Product Features

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

Product Applications

- Optical Fiber Gyroscope
- Optical Testing System
- Optical Fiber Sensor
- Optical Power Distributor
- EDFA Module

Specifications		Splitting Ratio: 50:50	
Parameter	Unit	Premium	A grade
Port Configuration		1x2 or 2x2	
Central Wavelength	nm	1270~2000	
Bandwidth	nm	±40	
Insertion Loss	Max. dB	3.5	3.6
Excess Loss	Typ. dB	0.15	0.25
Uniformity	Max. dB	0.6	1.0
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	S1	∅2.4x25: for bare fiber

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

Ordering Information

C	B	S									
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector			
1=1625nm 2=1690nm 3=1670nm 4=1590nm 5=1480nm 6=1475nm 7=1310nm P=2000nm S=Specify	1=1x2 2=2x2	50=50:50	P=Premium A=A grade	0=S1	1=0652 or Equivalent H=SM1950	S=250µm bare fiber	0=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m S=Specify	0=None 1=FC/PC 2=FC/APC 3=FC/APC 4=SC/APC 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.