

1×2(2×2) 80μm Fiber Single Mode Narrowband Splitter



Product Features

- Very Compact Size
- Low Insertion Loss
- Low PDL
- 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 or 2x2	
Bandwidth		nm	±20	
Insertion Loss	Max.	dB	3.5	3.6
Excess Loss	Typ.	dB	0.1	0.15
Uniformity	Max.	dB	0.6	1.0
PDL	Max.	dB	0.05	0.1
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	S2=Ø3×25.4, S3=Ø3×35, S16= Ø2.4×16, S17=Ø2.4×20	

*Test at central wavelength only. There would be a high return loss termination port around 30cm for 1×2 version

Ordering Information

S	N	S									
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector			
4=1550nm 7=1310nm 8=1064nm 9=980nm A=850nm S=Specify	1=1x2 2=2x2	50=50:50 S0=Specify	P=Premium A=A Grade S=Specify	1=S2 2=S3 V=S16 W=S17	D=80/165um 980-20 T=80/165um (Core 8um) Y=80/165um (Core 6um) S=Specify	F=165um Bare fiber L=3 mm cable M=0.9mm loose tube S=Specify	0=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m 5=2.5m 6=3.0m S=Specify	0=None 1=FC/PC 2=FC/APC 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 S=Specify			

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