

# 1x2(2x2) 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	±10	
Insertion Loss	Max.	dB	3.4	3.6
Excess Loss	Typ.	dB	0.07	0.1
Uniformity	Max.	dB	0.6	1.0
PDL	Max.	dB	0.05	0.1
Return Loss*	Min.	dB	50	45
Operating power	Max.	W	5	
Operating Temperature		°C	-40 to +85	
Storage Temperature		°C	-50 to +85	
Package Type		mm	S1	Ø3x20: for bare fiber
			S3	Ø3x30: for 0.9mm loose tube

\* Test at central wavelength only.

## 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 P=2000nm S=Specify	1=1x2 2=2x2	50=50:50	P=Premium A=A grade	0=S1 2=S3	A=Corning RC-SMF-28 B=OFS SMM-D1310A	S=250um bare fiber M=0.9mm loose tube	0=0.5m 1=0.75m 2=1.0m S=Specify	0=None

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