

# 1x4(4x4) 50/125μm Multi-Mode Broadband Splitter (Mixer)



## Product Features

- Low Insertion Loss
- High Directivity
- Stable and Reliable
- Compact Size

## Product Applications

- Optical Communication System
- LAN
- FDDI
- Access Network

Specifications		Splitting Ratio: 25:25:25:25								
Parameter		Unit	1x4				4x4			
Grade			P	A	P	A	P	A	P	A
Central Wavelength		nm	2000,1550,1310		850		2000,1550,1310		850	
Bandwidth		nm	±20							
Insertion Loss	Max.	dB	7.5	8.0	8.5	9.0	8.0	8.5	9.0	9.5
Excess Loss	Typ.	dB	0.8	1.0	1.2	1.5	1.0	1.2	1.5	1.8
Uniformity	Max.	dB	1.2	1.6	1.2	1.6	1.8	2.2	1.8	2.2
Return Loss*	Min.	dB	40							
Operating power	Max.	W	5							
Operating Temperature		°C	-40 to +85							
Storage Temperature		°C	-50 to +85							
Package Type		mm	S11	Ø4x60: for bare fiber						
			S12	Ø4x70: for 0.9mm loose tube						
			M4	8x26x100: for 0.9mm loose tube or 2mm cable or 3mm cable						

\* Test at central wavelength only.

## Ordering Information

M	B	S									
			Wavelength 4=1550nm 7=1310nm A=850nm P=2000nm S=Specify	Structure 4=1x4 B=4x4	Splitting Ratio 25=25:25:25:25	Grade P=Premium A=A grade	Package A=S11 B=S12 G=M4	Fiber Type 2=50/125um	Pigtail S=250um bare fiber M=0.9mm loose tube L=3mm cable R=2mm cable	Fiber Length 0=0.5m 1=0.75m 2=1.0m 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.  
3. Measured under the stable mode condition with LED source.