

# 1x4(4x4) 105/125µm 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
Central Wavelength	nm		2000, 1550, 1310, 850			
Bandwidth	nm		±20			
Insertion Loss	Max.	dB	6.8	7.3	7.3	7.8
Excess Loss	Typ.	dB	0.2	0.4	0.3	0.5
Uniformity	Max.	dB	1.2	1.6	1.8	2.2
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			

## Ordering Information

M	B	S								
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector		
4=1550nm 7=1310nm A=850nm F=2000nm S=Specify	4=1x4 B=4x4	25=25:25:25:25	P=Premium A=A grade	A=S11 B=S12 G=M4	4=105/125µm (NA=0.15) J=105/125µm (NA=0.22)	S=250µm bare fiber M=0.9mm loose tube L=3mm cable R=2mm cable	0=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m S=Specify	0=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.  
3. Measured under the stable mode condition with LED source.