

1x4 (4x4) Plastic Fiber Splitter (Mixer)



Product Features

- Low Insertion Loss
- Good Uniformity
- High Reliability
- Compact Size

Product Applications

- Data Communication Systems
- LAN
- Optical Entertainment Systems
- Fiber Sensors

Specifications			Splitting Ratio: 25:25:25:25	
Parameter		Unit	1x4 or 4x4	
Grade			P	A
Central Wavelength		nm	650 , 850	
Splitting Ratio Tolerance	Max.	%	±6.0	±9.0
Excess Loss	Max.	dB	2	2.5
Uniformity	Max.	dB	1.8	2.5
Return Loss*	Min.	dB	30	
Operating power	Max.	mw	500	
Operating Temperature		°C	-55 to +105 for BH4001, -55 to +85 for GH4001	
Storage Temperature		°C	-55 to +105 for BH4001, -55 to +85 for GH4001	
Package Type		mm	S15	Ø7.0x101 for 2.2mm cable

* Test at central wavelength only.

Ordering Information

P	F	S			0	0		Q		R		
Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail Cable	Fiber Length	Connector				
A=850nm B=650nm	4=1x4 B=4x4	00=even	P=Premium A=A grade	Q=S15	B=BH4001 G=GH4001	R=2.2 mm	0=0.5m 1=0.75m 2=1.0m	0=None 6=ST				

Note: All specifications are before connectors and are subject to change without notice.
Measured under the stable mode condition with LED source.