

## 1x7 (7x7) Plastic Fiber Splitter (Mixer)



### Product Features

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

### Product Applications

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

Specifications			Reflected Splitting Ratio: Even	
Parameter	Unit		1x7 (7x7)	
Grade			P	A
Central Wavelength	nm		650 , 850	
Splitting Ratio Tolerance	Max.	%	±3.5	±4.5
Excess Loss	Max.	dB	3.8	4.5
Uniformity	Max.	dB	1.8	2.3
Return Loss*	Min.	dB	30	
Operating power	Max.	mw	1000	
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	S16	Ø9.0x125 for 2.2mm cable	

\* Test at central wavelength only.

### Ordering Information

P	F	S			O	O		R		R		
			Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector	
			A=850nm B=650nm	7=1x7 H=7x7	00=even	P=Premium A=A grade	R=S16	B=BH4001 G=GH4001	R=2.2 mm Cable	0=0.5m 1=0.75m 2=1.0m	0=None 6=ST	