

## 1x3 (3x3) 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: 33:33:33*	
Parameter		Unit	1x3 or 3x3	
Grade			P	A
Central Wavelength		nm	650 , 850	
Splitting Ratio Tolerance	Max.	%	±6.0	±10
Excess Loss	Max.	dB	1.8	2.3
Uniformity	Max.	dB	1.5	2.0
Return Loss*	Min.	dB	25	
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	S14	Ø6.0x101 for 2.2mm cable

\* for other splitting ratio, please contact our sales engineers at sales@comcore.com

\*\* Test at central wavelength only.

### Ordering Information

<b>P</b>	<b>F</b>	<b>S</b>		<b>O</b>	<b>O</b>		<b>P</b>		<b>R</b>		
Wavelength A=850nm B=650nm	Structure 3=1x3 A=3x3	Splitting Ratio 00=even	Grade P=Premium A=A grade	Package P=S14	Fiber Type B=BH 4001 G=GH 4001	Pigtail R=2.2 mm Cable	Fiber Length 0=0.5m 1=0.75m 2=1.0m	Connector 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.