

1x2 (2x2) Plastic Fiber Splitter (Mixer)



Product Features

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

Product Applications

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

Specifications			Splitting Ratio: 80:20; 70:30; 50:50	
Parameter	Unit		1x2 or 2x2	
Grade			P	A
Central Wavelength	nm		650, 850	
Splitting Ratio tolerance*	Max.	%	+/-10	+/-15
Excess Loss	Max.	dB	1.4	1.8
Uniformity	Max.	dB	1.0	1.5
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	S14	Ø6.0x101: for 2.2mm cable	

* +/-10% is for 50:50 Splitter or Mixer, +/-5% for 80:20 and +/-6% for 70:30 Splitter or Mixer

**Test at central wavelength only.

Ordering Information

P	F	S					P		R		
			Wavelength A=850nm B=650nm	Structure 1=1x2 2=2x2	Splitting Ratio 80=80:20 70=70:30 50=50:50	Grade P=Premium A=A grade	Package P=S14	Fiber Type B=BH4001 G=GH4001	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.