1x7 (7x7) 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

Specification — Splitting Ratio: Even

Parameter		Unit	1x7 or 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: Φ9.0×127 for 2.2mm cable	

** Test at central wavelength only.

Ordering Information

P	F	S										

Wavelength	Structure	Splitting Ratio	Grade	Package	Fiber Type	Pigtail	Fiber Length	Connector
A=850nm	7=1x7	00=even	P=Premium	T=S16	B=BH4001	R=2.2 mm cable	0=0.5m	0=None
B=650nm	B=7x7		A=A grade		G=GH4001		1=0.75m	6=ST
							2=1.0m	
							3=1.5m	
							4=2.0m	
							S=Specify	

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