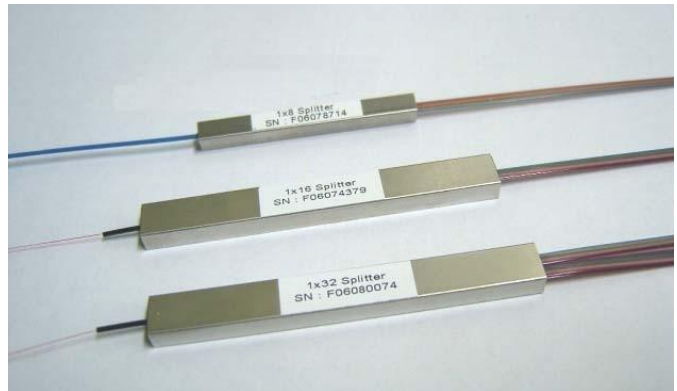


Single Mode Splitters

Hiphotonics Single Mode 1×N & 2×N Splitters divide uniformly optical signals from input ports to multiple outputs. Splitters can also be operated in the reverse direction to combine multiple wavelengths into one or two fibers.

Applications

- Fiber optic equipment & systems
- CATV networks
- Data communications
- Passive optical networks (ATM, WDM, Ethernet)



Optical Specification

PARAMETER	1x2	1x3	1x4	1x6	1x8	1x12	1x16	1x24	1x32	1x48	1x64
Operating Wavelength	1260 to 1650nm										
Insertion Loss* (Max., S/P)	4.1	6.5 /6.2	7.5 / 7.2	9.8 /9.5	10.5 /10.2	12.8 /12.5	13.6 /13.2	15.8 /15.4	17.2 /16.5	19.2 /18.8	20.2 /19.8
Uniformity * (Max., S/P)	0.8	0.8 /0.5	0.8 /0.5	1.0 /0.6	1.0 /0.7	1.2 /0.8	1.5 /1.1	1.5 /1.1	1.8 /1.4	1.8 /1.5	1.8 /1.5
PDL * (Max., S/P)	0.15	0.3 /0.25	0.3 /0.2	0.3 /0.25	0.3 /0.2	0.3 /0.25	0.3 /0.2	0.3 /0.25	0.3 /0.2	0.3 /0.25	0.3 /0.2
Return Loss	≥ 55 dB										
Directivity	≥ 55 dB										
Operating Temperature	-40 ~ 85℃										

♣ * : without Connectors

PARAMETER	2x4	2x8	2x16	2x32
Operating Wavelength	1260 to 1645nm			
Insertion Loss (Max.) * (Max.)	7.8	11.2	14.8	18.2
Uniformity * (Max.)	1.2	1.5	2.0	2.5
PDL * (Max.)	<0.3		<0.4	
Return Loss	≥ 55 dB			
Directivity	≥ 55 dB			
Operating Temperature	-40 ~ 85℃			

♣ * : without Connectors

Mechanical Specification

PARAMETER		1x2, 1x3, 1x4, 1x6, 1x8	1x12, 1x16, 1x24, 1x32, 2xN	1x64
Package	Material	Stainless Steel		
	Dimension (L x W x H mm)	40 x 4 x 4	60 x 7 x 4	58 x 12 x 4
Fanout (L x W x H mm)		35 x 12 x 7mm		
Other Package		Customized (19" Rack mountable Case, LGX Type...)		

Splitter Type & Applications

