



LGX TRIPLE SPLITTER

Key Features

- Wide operating bandwidth and temperature range
- Low insertion loss and PDL
- High stability and high reliability

Applications

- PON, GPON
- FTTH
- LAN/WAN System
- CATV System



Environmental Specifications

Parameter	Min.	Typ.	Max.	Unit
Operation Temperature	-40		+85	°C
Storage Temperature	-40	-----	+85	°C
Operation Humidity*	5	-----	95	%
Storage Humidity	5	-----	95	%

(*) not condensing

Optical Specifications

Parameter	Unit		Specs
Operating Wavelength		nm	1525-1570
CR			± 3%
Excess Loss		dB	<0.9
Polarization Extinction Ratio		dB	>18
Wavelength Dependence Loss		dB	<0.2
Directivity		dB	>50
Return Loss		dB	>50
Polarization Alignment			Slow or fast axis
Fiber Length		m	≥1.0
Mechanical Dimension		mm	3.2x33
Maximum Optical Power		mW	500

Insertion Loss:

Coupler Ratio	Insertion loss (dB)	
	Second port	Main port
50/50	2.8-3.8	2.8-3.8
45/55	3.2-4.3	2.4-3.4
43/57	3.3-4.5	2.2-3.2
40/60	3.6-4.9	2.0-3.0
35/65	4.2-5.5	1.6-2.6
33/67	4.4-5.8	1.5-2.5

30/70	4.8-6.2	1.5-2.3
25/75	5.5-7.1	1.1-2.0
20/80	6.7-8.3	0.9-1.7
15/85	7.4-9.8	≤1.5
10/90	8.0-12.0	≤1.2
5/95	12.0-14.0	≤0.8
3/97	14.0-16.0	≤0.7
2/98	16.0-19.0	≤0.6
1/99	19.0-21.0	≤0.6

Ordering information

Jabil Part Number	Other info
JP-3SPLT-50-50-LGX	LGX TRIPLE SPLITTER

Contact information

For additional information and evaluation samples order, please contact:

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