

Technical Specifications

Planar Lightwave Circuit Splitters

Type	Insertion Loss	Return Loss	PDL	Uniformity	Directivity	Operating/ Storage Temperature	Wavelength Range
1 x 64	< 20.6dB	> 50 dB	< 0.3dB	< 1.8dB	> 55dB	-40°C to 85°C	1260 to 1650nm
1 x 32	< 16.8 dB	> 50 dB	< 0.3 dB	< 1.7 dB	> 55 dB	-40°C to 85°C	1260 to 1650nm
1 x 16	< 13.8 dB	> 50 dB	< 0.3 dB	< 1.2 dB	> 55 dB	-40°C to 85°C	1260 to 1650nm
1 x 8	< 10.8 dB	> 50 dB	< 0.3 dB	< 0.8 dB	> 55 dB	-40°C to 85°C	1260 to 1650nm
1 x 4	< 7.5 dB	> 50 dB	< 0.3 dB	< 0.6 dB	> 55 dB	-40°C to 85°C	1260 to 1650nm

Fused Biconic Taper Splitters

Dual Window - Wavelength Flattened (Terminated Specs)	1 x 2	1 x 4	1 x 8	1 x 16	1 x 32
Maximum Insertion Loss	3.6 dB	7.2 dB	10.7 dB	14 dB	17.6 dB
Maximum Uniformity	0.8 dB	1 dB	1.3 dB	1.6 dB	1.9 dB
Maximum PDL	0.2 dB	0.3 dB	0.4 dB	0.5 dB	0.6 dB

Packaging Dimensions

Optical Component Type	Dimensions
One High Clearview Blue Cassette	0.8" H x 8.6" W x 7.06" D (20.32 mm x 218.44 mm x 179.32 mm)
Two High Clearview Blue Cassette	1.6" H x 8.6" W x 7.06" D (40.64 mm x 218.44 mm x 179.32 mm)
Three High Clearview Blue Cassette	2.41" H x 8.6" W x 7.06" D (61.21 mm x 218.44 mm x 179.32 mm)
Six High Clearview Blue Cassette	4.84" H x 8.6" W x 7.06" D (122.94 mm x 218.44 mm x 179.32 mm)
LGX One Wide Box	1.15" H x 5.12" W x 6.25" D (29.21 mm x 130.05 mm x 158.75 mm)
LGX Two Wide Box	2.27" H x 5.12" W x 6.25" D (57.66 mm x 130.05 mm x 158.75 mm)
LGX Four Wide Box	4.55" H x 5.12" W x 6.25" D (115.57 mm x 130.05 mm x 158.75 mm)
One Rack Unit (19")	1.75" H x 19" W x 15.02" D (44.45 mm x 482.60 mm x 381.50 mm)
One Rack Unit (23")	1.75" H x 23" W x 15.02" D (44.45 mm x 584.20 mm x 381.51 mm)

Configured Part Numbers

Disclaimer/Note: Paper configurator shown is for reference only and should not be used to configure a saleable product configuration. All options shown on paper configurators may not be available or compatible with other options listed. Please contact your Clearfield representative for assistance in product configurations.

M - E S - Z - Z Z Z

1 2 3 4 5

1 Select Packaging

A = LGX – vertical - 1 wide
 B = LGX – vertical - 2 wide
 D = LGX – vertical - 4 wide
 E = FieldSmart FxMP – 6 high
 G = 1.75" (44.45 mm)(1 RU) - 19" brackets
 (482.60 mm)
 H = 3.50" (88.90 mm)(2 RU) - 23" brackets
 (584.20 mm)
 S = Clearview Blue – 1 high
 T = Clearview Blue – 2 high
 U = Clearview Blue – 3 high
 Y = Clearview Blue – 6 high
 7 = FieldSmart FxMP – 1 high
 8 = FieldSmart FxMP – 2 high
 9 = FieldSmart FxMP – 3 high

2 Select Input / Output

A = 1 x 2 H = 1 x 16
 B = 1 x 3 J = 1 x 24
 C = 1 x 4 K = 1 x 32
 D = 1 x 5 L = 2 x 2
 E = 1 x 6 M = 2 x 16
 F = 1 x 8 N = 2 X 32
 G = 1 x 12 P = 1 X 64

3 Select Optical Type

P = Planar splitter
 F = FBT splitter

4 Select Connector

A = SC/UPC
 B = SC/UPC DX
 C = SC/APC
 D = SC/APC DX
 E = LC/UPC
 G = LC/APC

5 # of Components Per Package

A = 1	G = 7
B = 2	H = 8
C = 3	J = 9
D = 4	K = 10
E = 5	M = 11
F = 6	