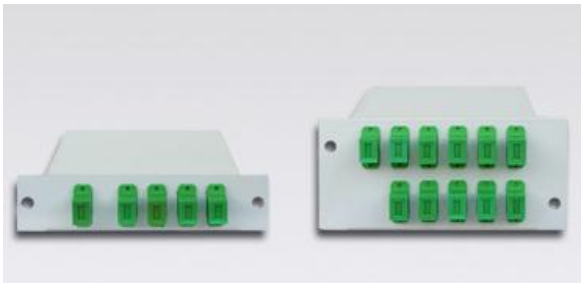
LGX PLC Fiber Optic Splitter



LGX PLC Fiber Optic Splitter Descriptions

LGX PLC fiber splitters are different types, 1x4, 1x8, 1x16, 1x32, 1x64, 2x4, 2x8, 2x16, 2x32, the splitters connectors can be FC,SC,LC, etc. LGX PLC splitters are with compact metal box package, they are important products used in FTTx projects.
PLC splitter is a high quality passive device. It is especially for passive internet (EPON, BPON, and GPON). The different package can follow clients' different inquiry.

LGX PLC Fiber Optic Splitter Features

Industry-standard Bulkhead Style
LGX-style and 19/23Inch Available
Many Input/Output Options for Easy Integration
SC/LC/FC/ST/MU and E2000 Connector/Adapter Options
Highest Splitter Densities to Maximize Rack Space
Flexible and Scalable Platforms
Rugged BUT Lightweight Packaging for Solid Protection and Durability
Full Bend Radius Protection Throughout Modules

Specifications of 1XN PLC splitters

Parameters		1X2	1X4	1X8	1X16	1X32	1X64
Fiber type		SMF-28e or customer specified					
Operating Wavelength		1260-1650					
Insertion loss(dB)	Max(P/A)	3.8/4.0	7.2/7.4	10.5/10.7	13.5/13.7	16.5/16.9	21
Loss Uniformity(dB)	Max	0.6	0.6	0.8	1.2	1.7	2.5
Return loss(dB)	Min(P/A)	55/50	55/50	55/50	55/50	55/50	50
PDL(dB)	Max	0.2	0.2	0.3	0.3	0.3	0.4
Directivity(dB)	Min	55	55	55	55	55	55
Wavelength Dependent loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	0.8
Temperature Stability(-40～85℃)(dB)	Max	0.5	0.5	0.5	0.8	0.8	1
Operating Temperature (℃)		-40 to 85					

Specifications of 2XN PLC splitters

Parameters		2X2	2X4	2X8	2X16	2X32	2X64
Fiber type		SMF-28e or customer specified					
Operating Wavelength		1260-1650					
Insertion loss(dB)	Max(P/A)	4	7.8	11.2	14.6	17.5	22
Loss Uniformity(dB)	Max	0.6	0.6	0.8	1.2	1.7	2.5
Return loss(dB)	Min(P/A)	50	50	50	50	50	50
PDL(dB)	Max	0.2	0.2	0.3	0.3	0.3	0.4
Directivity(dB)	Min	55	55	55	55	55	55
Wavelength Dependent loss(dB)	Max	0.6	0.6	0.6	0.8	1	1
Temperature Stability(-40～85℃)(dB)	Max	0.6	0.6	0.6	0.8	1	1
Operating Temperature (℃)		-40 to 85					