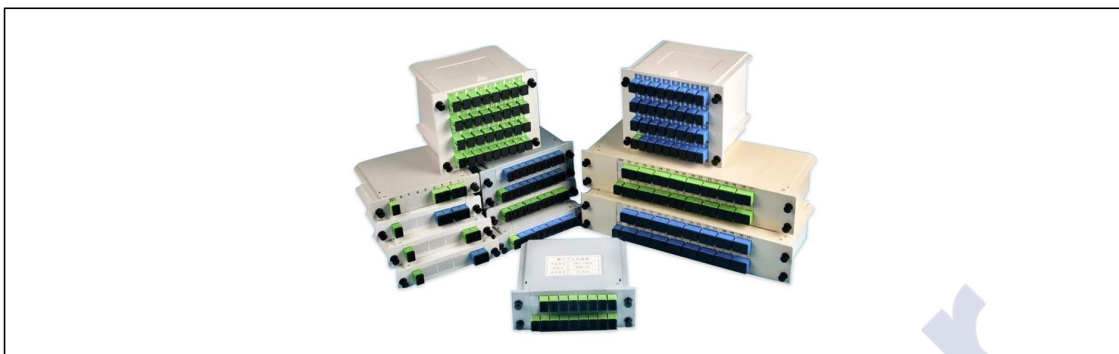


LGX Box PLC Fiber Optic Splitter

Product Drawing



Product Description

The LGX Box PLC Fiber Optic Splitter adopts an LGX box structure design, which is compact and easy to install. This design not only facilitates equipment maintenance and replacement, but also effectively protects the internal optical path and electronic components, ensuring stable operation of the equipment in various environments. The LGX Box PLC Fiber Optical Splitter achieves uniform distribution and efficient transmission of optical signals. Both multi wavelength and single wavelength signals can be efficiently and stably split through splitters, ensuring the quality of signal transmission.

Product features

- Small size, compact package.
- Low insertion loss, low PDL, high return loss.
- Excellent channel uniformity.
- Telcordia GR-1209 and GR-1221 compliant.

Application

FTTX networks,PON networks;LAN networks,CATV systems.

Technical Specifications

Product Parameters

Project				Technical indicators					
Product name				LGX Box PLC Fiber Optic Splitter					
Parameter		Unit		1x2	1x4	1x8	1x16	1x32	1x64
Fiber Type		/		G.657A,or customized					
Operating Wavelength		nm		1260~1650					
Insertion Loss	P	Max	dB	4.0	7.0	10.4	13.5	16.8	20.5
	S	Max	dB	4.2	7.3	10.6	13.8	17.1	20.8
PDL		Max	dB	0.2	0.3	0.3	0.3	0.3	0.5
Loss Uniformity		Max	dB	0.6	0.8	1.0	1.4	1.6	2.0
Return Loss		Max	dB	55(P Grade)/50(S Grade)					
Directivity		Max	dB	55					
Operating Temperature		℃		-40~+85					
Storage Temperature		℃		-40~+85					

Dimension(L x W x H)	mm	130x100x25	130x100x50	130x100x102	130x100x206
Remark: The above parameters do not include connectors; If connectors are added,the insertion loss will increase 0.2dB each.					

Parameter		Unit		2x2	2x4	2x8	2x16	2x32	2x64
Fiber Type		/		G.657A,or customized					
Operating Wavelength		nm		1260~1650					
Insertion Loss	P	Max	dB	4.0	7.3	10.6	13.9	17.2	20.8
	S	Max	dB	4.2	7.5	11.0	14.5	17.5	21.0
PDL		Max	dB	0.2	0.3	0.3	0.3	0.3	0.5
Loss Uniformity		Max	dB	0.8	1.0	1.2	1.5	1.8	2.0
Return Loss		Max	dB	55(P Grade)/50(S Grade)					
Directivity		Max	dB	55					
Operating Temperature		℃		-40~+85					
Storage Temperature		℃		-40~+85					
Dimension(L x W x H)		mm		130x100x25	130x100x50	130x100x102	130x100x206		
Remark: The above parameters do not include connectors; If connectors are added,the insertion loss will increase 0.2dB each.									