

## Compact LGX Box PLC Splitter 1x4 For FTTH Passive Optical Network

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FIBERMANIA
- Certification: CE, RoHS
- Model Number: PLX10430SA
- Minimum Order Quantity: 10 Pieces
- Price: Negotiable
- Packaging Details: PE Bag+Carton
- Payment Terms: T/T, Western Union, L/C
- Supply Ability: 1000 Pieces



### Product Specification

- Name: LGX Box PLC Splitter
- Package Style: LGX Box
- Connector Type: SC/APC
- Configuration Type: 1x 4
- Fiber Mode: Single Mode
- Wide Operating Wavelength: 1260~1650nm
- Package Type: Cassette Type
- Insertion Loss:  $\leq 7.3\text{dB}$
- Return Loss:  $\geq 55\text{dB}$
- Highlight: **LGX Box PLC Splitter, PLC Splitter 1x4, 1x4 PLC Splitter**



### More Images



## Compact LGX Box PLC Splitter 1x4 For FTTH Passive Optical Network

### Features of plc splitter box

- ### Applications of plc splitter box

- ### Specifications of plc splitter box

Optical Specification 1xN							
1 x N PLC Splitter							
Type		1x2	1x4	1x8	1x16	1x32	1x64
Fiber Type		G.657A					
Operating Wavelength(mm)		1260 to 1650 nm					
Insertion Loss(dB)	Max(with connector)	4	7.2	10.5	13.8	16.8	20.5
Uniformity Loss(dB)	Max	0.6	0.6	0.8	1.2	1.5	1.8
Polariation Dependent Loss(dB)	Max	0.2	0.2	0.2	0.3	0.3	0.5
Return Loss(dB)		UPC≥50 APC≥60					
Operating Temperature(°C)		:-40°C - +85°C					



## FAQ

Q: If I leave an output port empty with no termination and I apply an input signal. Will there be reflections back to the input due to that output port with no termination?

A: There will be some back loss but basically does not affect the use.

Q: Hi We have 1:8 splitters with LGX "cassette" form, and looking for 2:4 splitter with the same form. Seems there are not such model listed, but is it available? if it can be provided with similar price, we'd like to have 4~6 modules. Thanks.

A: For customized questions, please contact our sales online.

Q: Do you know what the limit in dBm is for the PLC I check the datasheet for this and it does not state the limit in dBm for the input and output ports of this splitter.

A: The PLC works without dBm, as it's a passive product. But, it's usually supported to use under 500mW.

Q: Does it have even coupling ratio?

A: Yes, it's PLC, which is even split ratio.

Q: I was wondering the power limit of PLC.

A: PLC is a passive product, generally no power involved. But, it's usually supported to use under 500mW.



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