



FotonGuide Fiber Optic Splitter Panel, 19" Rack-mount, LC/APC - 2x32 PLC Splitter



Applicable Standards

- **ITU-T G.671:** Characteristics of passive optical components, including planar lightwave circuit (PLC) splitters.
- **IEC 61753-1 :** Performance for passive optical components under specific environmental and mechanical conditions.
- **GR-1209-CORE (Telcordia) :** Generic requirements for optical splitters, focusing on insertion loss, uniformity, and other performance metrics.
- **GR-1221-CORE (Telcordia):** Reliability and environmental testing of passive optical components.
- **IEC 61754 Series :** Interface standards for fiber optic connectors, ensuring compatibility (e.g., LC/APC connectors).
- **ANSI/TIA-568.3-D :** Guidelines for optical component use in structured cabling, ensuring compatibility and performance in telecommunications and data center environments.

Product Part Number

N124.LCA232BK

Product Description

FotonGuide Fiber Optic Splitter Panel is a 19" rack-mount solution featuring a high-capacity 2x32 PLC splitter with LC/APC connectors. Designed for large-scale optical signal distribution, it ensures consistent performance, making it ideal for data centers, FTTx networks, and telecom environments.

Product Features

- **2x32 PLC Splitter :** Efficiently divides optical signals into 32 outputs with excellent power uniformity and low loss.
- **LC/APC Connectors :** Provides low insertion loss and back-reflection for optimal signal integrity.
- **Standard 19" Rack-Mount :** Streamlines installation and improves cable management within structured networks.
- **Robust Design :** Durable black powder-coated panel ensures long-lasting performance in demanding applications.





NORTHERN
LINK

FotonGuide Fiber Optic Splitter Panel, 19" Rack-mount, LC/APC - 2x32 PLC Splitter

Material Specifications

Split Capacity	2x32
Type	1U 19" Rack-mounted
Connector Type	LC/APC
Fiber Type	G657A2
Working Wavelength	1260nm~1650nm
Insertion Loss(P-Grade)(dB)	≤ 17.4
Uniformity(dB)	≤ 1.8
PDL(dB)	≤ 0.3
Wavelength Dependent Loss(dB)	≤ 1.8
Return Loss(dB)	≥ 55
Directivity(dB)	≥ 55

Environmental Specifications

Operating Temperature Range	- 40°C to 85°C
Storage Temperature Range	- 40°C to 85°C

Ordering Information

N124.LCA232BK	FotonGuide Fiber Optic Splitter Panel, 19" Rack-mount, LC/APC - 2x32 PLC Splitter, Black
---------------	--

Shipping Information

Item	Dimension
Product	Width : 482.5 mm Height : 44 mm Depth : 255 mm

