

Rack Mount Splitter

1U 19" – SC APC



Genius Network's MxN splitters are built using advanced PLC technology with precise alignment for stable and reliable optical performance. They efficiently split or combine signals into multiple outputs across a wide wavelength range with ultra-low insertion loss and minimal PDL. Compact in design and housed in durable sheet metal, they ensure strong mechanical protection and long-term reliability. Supporting up to 32 output ports, they are ideal for high-density FTTH applications

Key Feature

- Low insertion loss for efficient optical transmission
- Ultra-broadband performance across 1260–1650 nm wavelength range
- Standard Mounting on 19" Rack
- Minimal polarization dependent loss (PDL)
- Stable performance under thermal variations
- Superior port-to-port uniformity for consistent signal distribution
- Tested for high optical power levels in FTTH (analog video transmission)
- Suitable for FTTH deployments and PON applications.
- Ideal for Optical CATV and telecom network infrastructures.
- RoHS Compliant
- Genius Network Barnd Performance warranty for 25 Years

Product Specification

Material	Carbon Steel
Panel Thickness	1.5mm
Panel Color	Black / Grey
Dimension (WxHxD)	19" x 1u x 200mm
PC Splitter Type	1x32 / 1x16
Inlet Channel Count	1
Outlet Chanel Count	32 / 16
Fiber Type	Single Mode – G657A1
Max Insertion Loss	17.0dB (for 1x32 module) 14.0dB (for 1x16module)
Return Loss	>60dB
Max Uniformity	1.5dB
PDL	<0.3dB
Operating wavelength	1260nm to 1650nm
Connector Type	SC APC
Connector Loss	<0.3dB

Ordering Information

Part Number	Product Description
GXUURSPLC116SCA	Genius Network FTTX Rack Mount Splitter 1:16 SC-APC
GXUURSPLC132SCA	Genius Network FTTX Rack Mount Splitter 1:32 SC-APC

