

Passive PLC, Plug-In Single LGX PLC Splitter,  
1x08 Standard (Even) Split, SC-APC



## PPLC-108SCA-LGX

### Features

- Passive
- PLC
- Even split
- Standard LGX Cassette
- 1x8
- SC/APC connectors

### Applications

- Single Mode Fiber Networking
- Single Fiber
- 1x8
- Even Split
- FTTx
- PON
- Metro transport
- Regional Distribution
- Inside Plant (ISP) Operation

### Description

The PolyPhaser PPLC-108SCA-LGX is 1x8 passive PLC splitter. The PolyPhaser PPLC-108SCA-LGX is a single wide LGX filter. The PolyPhaser PPLC-108SCA-LGX splits 1 input signal to 8 output signals and 8 input signals into 1 composite output signal bidirectionally. The PolyPhaser PPLC-108SCA-LGX has SC/APC connectors. The PolyPhaser PPLC-108SCA-LGX is a single fiber filter ideal for FTTx and PON applications. PolyPhaser produces the high quality passive filters that your business can rely on. With products continually in stock and same-day shipping, our expert technical support and knowledgeable sales team can get you to the right parts for the job.

### Configuration

Module Function

PLC Splitter

### Filter Specifications

Description	Minimum	Typical	Maximum	Units
Operating Wavelength	1260		1650	nm
Pass Band Insertion Loss			10.7	dB
Return Loss	55			dB
Directivity			55	dB
PDL			0.3	dB

### Size

Length 6.14 in [155.96 mm]  
Weight 0.85 lbs [385.55 g]

### Environmental Specifications

#### Temperature

Operating Range -20 to +65 deg C

Storage Range -40 to +85 deg C

Humidity 5-95%RH

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[Passive PLC, Plug-In Single LGX PLC Splitter, 1x08 Standard \(Even\) Split, SC-APC PPLC-108SCA-LGX](#)

Passive PLC, Plug-In Single LGX PLC Splitter,  
1x08 Standard (Even) Split, SC-APC



## PPLC-108SCA-LGX

---

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

PolyPhaser protects and increases the reliability of global RF communications networks, including transportation, telecommunications, defense, security and industrial applications, with superior RF surge protection technologies including DC Block, DC Pass and Ultra Low PIM. Backed by responsive service and expert technical support PolyPhaser continually expands its product offering and services to serve engineers' urgent needs for RF components in mission critical communication networks.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Passive PLC, Plug-In Single LGX PLC Splitter, 1x08 Standard \(Even\) Split, SC-APC PPLC-108SCA-LGX](#)

URL: <https://www.polyphaser.com/Passive-PLC-Plug-In-Single-LGX-PLC-Splitter-1x08-Standard-Even-Split-SC-APC-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. PolyPhaser reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. PolyPhaser does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and PolyPhaser does not assume any liability arising out of the use of any part or documentation.

## PPLC-108SCA-LGX CAD Drawing

