

Passive PLC, Plug-In Single LGX PLC Splitter,  
1x02 Standard (Even) Split, SC-APC



## PPLC-102SCA-LGX

### Features

- Passive
- PLC
- Even split
- Standard LGX Cassette
- 1x2
- SC/APC connectors

### Applications

- Single Mode Fiber Networking
- Single Fiber
- 1x2
- Even Split
- FTTx
- PON
- Metro transport
- Regional Distribution
- Inside Plant (ISP) Operation

### Description

The PolyPhaser PPLC-102SCA-LGX is 1x2 passive PLC splitter. The PolyPhaser PPLC-102SCA-LGX is a single wide LGX filter. The PolyPhaser PPLC-102SCA-LGX splits 1 input signal to 2 output signals and 2 input signals into 1 composite output signal bidirectionally. The PolyPhaser PPLC-102SCA-LGX has SC/APC connectors. The PolyPhaser PPLC-102SCA-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			3.8	dB
Return Loss	55			dB
Directivity			55	dB
PDL			0.2	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, 1x02 Standard \(Even\) Split, SC-APC PPLC-102SCA-LGX](#)

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**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.

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URL: <https://www.polyphaser.com/Passive-PLC-Plug-In-Single-LGX-PLC-Splitter-1x02-Standard-Even-Split-SC-APC-p.aspx>

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## PPLC-102SCA-LGX CAD Drawing

