PolyPhaser
an INFINITе brand

Passive PLC, Plug-In Single LGX PLC Splitter, 1x04 Standard (Even) Split, SC-APC

PPLC-104SCA-LGX

Features

- Passive
- PLC
- Even split

- Standard LGX Cassette
- 1x4
- SC/APC connectors

Applications

- Single Mode Fiber Networking
- Single Fiber
- 1x4
- Even Split
- FTTx

- PON
- Metro transport
- Regional Distribution
- Inside Plant (ISP) Operation

Description

The PolyPhaser PPLC-104SCA-LGX is 1x4 passive PLC splitter. The PolyPhaser PPLC-104SCA-LGX is a single wide LGX filter. The PolyPhaser PPLC-104SCA-LGX splits 1 input signal to 4 output signals and 4 input signals into 1 composite output signal bidirection-ally. The PolyPhaser PPLC-104SCA-LGX has SC/APC connectors. The PolyPhaser PPLC-104SCA-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 continu-ally 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			7.3	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, 1x04 Standard (Even) Split, SC-APC PPLC-104SCA-LGX

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PPLC-104SCA-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.

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URL: https://www.polyphaser.com/Passive-PLC-Plug-In-Single-LGX-PLC-Splitter-1x04-Standard-Even-Split-SC-APC-p.aspx

Passive PLC, Plug-In Single LGX PLC Splitter, 1x04 Standard (Even) Split, SC-APC

PPLC-104SCA-LGX CAD Drawing

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

ITEM NO. PPLC-104SCA-LGX

REV A

SIZE	CAGE CODE	DRAWN BY		
A	30992	DFRISIELLO		

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	07/20/2021	PHOSPODAR

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:
X = ± .2 [5.08] | FRACTIONS ± 1/32
.XX = ± .02 [.51] | ANGLES ± 1°
.XXX = ± .005 [.13] |

CABLE LENGTH (L) TOLERANCES:
L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

3.98 [101.2]

1.11 [28.3]

6.14 [156.0]

LABEL PER ILS-100-06 (SEE NOTE 1)

4.65±.01 [118.0±0.2]

1.14 [29.0]

5.09 [129.2]

INPUT
OUTPUT

NOTES:

1. LABEL PER ILS-100-06. FOR INTERNAL USE ONLY. LABEL LOCATION FOR REFERENCE ONLY.

T-Rev.D

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