PolyPhaser
an INFINITe brand

Passive PLC, Field Unit PLC Splitter, 1x02 Standard
(Even) Split, 2m 250um fiber leads

PPLC-102SCA-FDM

Features

- Passive
- PLC
- Even split
- 40x4x4mm field cassette

- 1x2
- 2m 250um bare fiber leads
- -40 ~85c
- i-temp

Applications

- Single Mode Fiber Networking
- Single Fiber
- 1x2
- Even Split
- FTTx

- PON
- Metro transport
- Regional Distribution
- Outside Plant (ISP) Operation
- -40 ~ 85c

Description

The PolyPhaser PPLC-102SCA-FDM is 1x2 passive PLC splitter. The PolyPhaser PPLC-102SCA-FDM is a 40x4x4mm field cassette. The PolyPhaser PPLC-102SCA-FDM splits 1 input signal to 2 output signals and 2 input signals into 1 composite output signal bidi-rectionally. The PolyPhaser PPLC-102SCA-FDM has 2 meter 250um fiber leads. The PolyPhaser PPLC-102SCA-FDM is a single fiber filter ideal for FTTx and PON applications. The PolyPhaser PPLC-102SCA-FDM is rated for -40 to +85c. 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	78.74 in [200 cm]
Weight	0.2 lbs [90.72 g]

Environmental Specifications

Temperature

Operating Range	-40 to +85 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, Field Unit PLC Splitter, 1x02 Standard (Even) Split, 2m 250um fiber leads PPLC-102SCA-FDM

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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-Field-Unit-PLC-Splitter-1x02-Standard-Even-Split-2m-250um-fiber-leads-p.aspx

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PPLC-102SCA-FDM CAD Drawing

NOTES:

1. FIBER OUTPUT: 2ch FIBER COLOR: BLUE, ORANGE

OUTPUT DISPERSED 250um FIBER (SEE NOTE 1)

ADHESIVE SHRINK TUBE, BLACK

RIBBON FIBER

STEEL TUBE

40x4x4mm

INPUT 250um FIBER (CLEAR/WHITE)

2~2.1 METERS [6.56~6.89 FEET]

(.39) [10.0]

(.20) [5.0]

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
B	ECN 11315	09/13/2021	PHOSPODAR