

Dimensions of a 2-to-8 PLC splitter



Article Overview

A typical 2x8 PLC splitter has a compact size of 60 × 7 × 4 mm in steel tube packaging, with other versions available in standard LGX metal boxes.

Standard Packaging Dimensions

- Steel Tube Miniature Version: 60 mm (length) × 7 mm (width) × 4 mm (height) for compact installations, suitable for indoor or outdoor distribution points .
- LGX Metal Box Version: The 2x8 PLC splitter can also come in a standard LGX metal box, which is more durable and suitable for outdoor use. While exact LGX box dimensions vary by manufacturer, they typically accommodate the splitter and fiber pigtails with lengths of 1.5 m for 0.9 mm, 2.0 mm, or 3.0 mm fiber types .

Additional Physical Considerations

- Fiber Input/Output: The splitter supports 2 input fibers and 8 output fibers, with connector options including SC/UPC, FC/UPC, LC/UPC, SC/APC, FC/APC, and LC/APC .
- Cable Diameter: Input and output fibers can be 0.9 mm, 2.0 mm, or 3.0 mm loose tube types .
- Compactness: PLC splitters are designed for small volume and easy installation in fiber splice closures, joint boxes, or distribution panels .

Summary

For practical purposes, if you are planning to install a 2x8 PLC splitter:...

Article Content

Aug 21, 2025

PLC Splitters | OEM Optical Communication Solutions | Corning

Corning's QuickPath™ PLC optical splitters reduce insertion loss and deliver high performance. These devices enable more effective

May 12, 2026

Bare Fiber PLC Fiber Splitter Data Sheet | FS

Planar Lightwave Circuit (PLC) Splitter is a type of passive optical component using silica optical waveguide technology to distribute

Mar 13, 2026

2x8 PLC Splitter, For Fttx, Packaging Size: 60 X 7 X 4

JCN Enterprises - Offering 2x8 PLC Splitter, For Fttx, Packaging Size: 60 X 7 X 4

Feb 08, 2026

AC029-01 Compact PLC Splitter.ppt [Compatibility Mode]

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Dec 05, 2025

2 X 8 Optic Fiber PLC Splitter, For Networking, Size: 113*112*25mm

B S Electronics - Offering 2 X 8 Optic Fiber PLC Splitter, For Networking, Size: 113*112*25mm at ₹ 500/piece in Coimbatore, Tamil

Nov 18, 2025

PLC 2x8 MINI

8-way PLC miniaturised splitter with 2 inputs; suitable for the realization of redundancy in GPON systems;

Sep 26, 2025

2x8 Fiber PLC Splitter with Standard LGX Metal Box

PLC Splitter is based on planar lightwave circuit technology. Fiberinthebox 2x8 Fiber PLC Splitter can distribute or combine 2 optical

Feb 03, 2026

Planar Light Circuit (PLC) Optical Splitters

These planar silica waveguide devices are packaged in small-form-factor housings to offer compact management into modules and

Jun 10, 2026

PLC-A-108 1x8 ABS box module type fiber optic PLC

The 1x8 ABS box module type PLC Splitter devices have high performance, a wide wavelength range from

Aug 19, 2025

1x8 PLC Fiber Optic Splitter

PLC Splitters are Singlemode splitters with an even split ratio from one input fiber to multiple output fibers. This PLC Splitter is a 1x8,

Jul 26, 2025

19" Rackmount SC/APC 2*8 PLC splitter

SC/APC 2*8 single mode PLC splitter is an optical device that combines or splits power from optical fibers. Optical splitter divides

Jun 16, 2026

19" Rackmount SC/APC 2*8 PLC splitter

19" Rackmount PLC splitter SC/APC 2*8 PLC splitter is one of the most important passive components in

Sep 14, 2025

PLC Splitters

Planar Lightwave Circuit (PLC) Splitters with the following options: 1XN or 2XN, Bare Fiber, Mini-Type, ABS Module, LGX Cassette

Jul 12, 2026

2x8 SC Simplex Fiber Optic PLC Splitter Tray

Compatibility with various connector types: Fibconet offers the 2x8 Fiber PLC Splitter Tray with a choice of FC, SC, ST, and LC

Jul 05, 2026

Rack Mounted PLC Optical Splitters | FTTX | CCS

Optical splitters play an important role in Fibre-to-the-Home (FTTH) networks by allowing a single PON interface to be shared among

Jan 24, 2026

SM Fiber PLC Splitter.pub

OMC 's LGX Cassette PLC Splitter family has 1x2, 1x4, 1x8, 1x16, 2x2, 2x4, 2x8, 2x16, PLC splitter, with specifications that are

Sep 19, 2025

2x8 PLC Splitter ABS Box,SC/APC

Product Highlights Blockless PLC Splitter v 2X8 PLC splitter, uniform distribution of optical signal v Small

Aug 28, 2025

PLC Splitters

PLC Splitters ISP/OSP Planar Lightwave Circuit Product Description: Planar Lightwave Circuit (PLC) Splitters with the following options:

Sep 23, 2025

1x8 Fiber PLC Splitter Single Mode Blockless PLC Fiber Optic

PLC (Planar Lightwave Circuit) Splitters are Single Mode Splitters with an even split ratio from one input fiber to multiple output

May 15, 2026

Optical-PLC-Splitter-Specification

Product Specification Optical PLC Splitter 1. Introduction 1.1 General This specification covers the standards and requirements for

Apr 22, 2026

PLC Splitters

2. For devices with connectors, insertion loss will be 0.3dB higher. MECHANICAL DIMENSIONS (WITHOUT FANOUT AND

Sep 23, 2025

2x8 Fiber PLC Splitter with Standard LGX Metal Box

The ABS Box PLC Splitter with its compact structure and small volume, are very convenient for use and can be installed in many

Jun 20, 2026

2x8 PLC Fiber Splitter, Steel Tube, Bare Fiber 250um,

PLC Splitter offers a cost-effective and space-saving networking solution in an optical transmission system.

Nov 30, 2025

Planar Light Circuit (PLC) Optical Splitters

Planar Light Circuit (PLC) Optical Splitters Corning's Planar Light Circuit (PLC) splitters are fully passive optical branching devices

Dec 08, 2025

PLC Splitter 2x8 port

The Optosun 2x8 PLC Splitter will divide or combine 2 signals inputs to 8 signal outputs. Wavebands: 1310, 1550 nM. Download the

Apr 09, 2026

2x8 Fiber Optic Splitter With Steel Tube,0.9mm G657A Fiber LC/APC

MeFiberOptic is one of the largest and best 2x8 fiber optic splitter with steel tube,0.9mm with g657a fiber

Sep 19, 2025

PLC Splitter (19-inch Rack Mount) Module Spec Sheet

PLC Splitter (19-in Rack Mount) Module Corning introduces a new family of high performance PLC Splitter (19-in Rack Mount)

Jul 26, 2025

PLC Splitter (Standard Grade)

PLC Splitter (Standard Grade) Spec Sheet CAH-108_AEN Page 1 | Revision date 2016-11-10 Today's high-port count

Oct 25, 2025

Splitters

We offer both fused and PLC splitters in standalone, boxed, panel-loaded or LGX casings to suit all applications and installations.

Contact Us

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