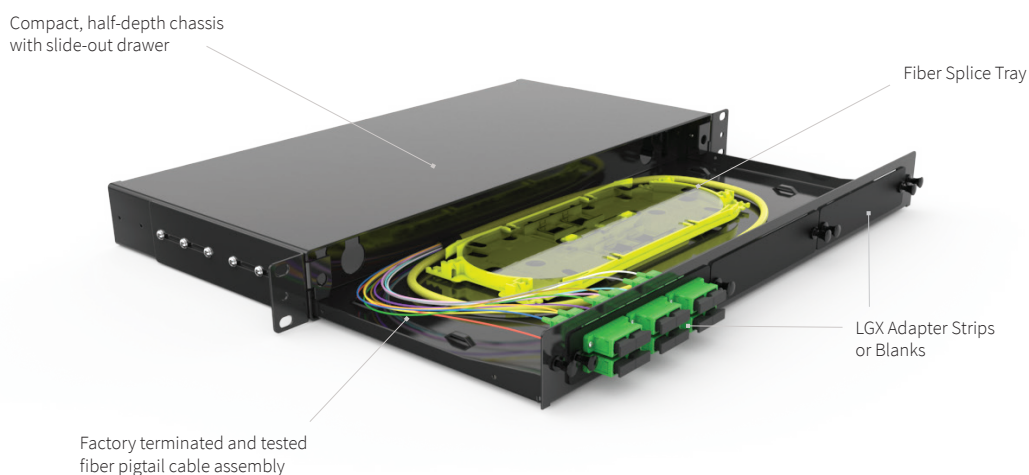


## LGX 1U FTTP SPLICE PANEL

PDS-0228



### DESCRIPTION

**Wirewerks' LGX 1U FTTP Splice Panel** is precision engineered and factory-assembled to provide fast, easy, reliable fiber splicing and connectivity in FTTP (and other FTTx) applications.

Each LGX 1U FTTP Splice Panel includes a compact 1U Rack Mount Chassis with slide-out drawer supporting up to three single-width LGX adapter strips, modules or blanks; a fiber splice tray; a factory-assembled and tested fiber pigtail, cable management accessories, installation hardware and installation instructions.

Each LGX 1U FTTP Splice Panel is ordered, factory-assembled and shipped under a single part number which simplifies ordering, eliminates errors and reduces lead-times. Customers receive a fully loaded, properly configured, factory-assembled splice panel ready to splice and install right out of the box, expediting installations while reducing costs and delays at the same time.

Customers may order Wirewerks' LGX 1U FTTP Splice Panels using one of four standard Part Numbers for commonly deployed splice panel configurations, or may work with Wirewerks Customer Service to create a single part number for each custom configuration required to meet their specific FTTP design requirements.

**FEATURES  
and BENEFITS**

- Delivered as a ready-to-install splice panel, factory-assembled to customer specifications
- Single Part Number includes 1U Rack Mount Chassis with slide-out drawer, up to three single-width LGX adapter strips, modules or blanks; a fiber splice tray; a factory-assembled and tested fiber pigtail, cable management accessories, installation hardware and installation instructions
- Single Part Number eliminates ordering errors and logistical issues; saves time and money
- Robust 16 gauge steel chassis for durability, reliability and extended operational lifespan
- Heavy-duty slide-out drawer provides unrestricted access to splice tray, pigtail and adapter strips for faster easier installation and maintenance activities
- 2 cable entry points at rear corners of drawer secured by cable glands lock cables in place for reliable operations
- Compact, half-depth (8.15"/207mm) 1U footprint saves space in FTTP applications
- 1U design fits standard 19" or 23" racks, or Wirewerks LGX 4U Vertical Wall Mount Enclosure (P/N: WW-001812, PDS-0200) for installation flexibility
- Bundled pigtail is color-coded, ideal length and splice-ready for efficient, reliable splices with proper cable routing, strain-relief and bend-radius protection

**APPLICATIONS**

**Vertical Markets**

- Broadband Networks
- MSOs
- Telcos

**Installation Environments**

- FTTP including Fiber-to-the-Premise, -Home, -MDU (High-Rise MDU, Medium-rise MDU, Low-Rise/Garden MDU, Horizontal MDU)
- Brownfield or greenfield infrastructure projects

**ORDERING  
INFORMATION**

Part Number	Description
WW-00069	1U Compact Rack Mount Panel with 3 LGX, Gloss Black

*Note: fully loaded solutions available. Please contact your local sales representative.*



PACKAGING and SHIPPING

Description	Shipping Weight
Cardboard box, 1 unit per box	9.46lb/4.3kg

PHYSICAL SPECIFICATIONS

Attribute	Value
Product Dimensions	19" x 8.15" x 1.75" (482.59mm x 207.01mm x 44.45mm)
Product Weight	7.27lb/3.3kg
Panel Materials	Rack Mount panel made in 16 gauge cold rolled steel (CRS)
Color & Finish	Rack Mount panel black color, gloss finish

MECHANICAL SPECIFICATIONS

Attribute	Value
Operating Temperature	-20°C (-4°F) ~ 60°C (140°F)
Storage Temperature	-40°C (-40°F) ~ 60°C (140°F)

PERFORMANCE SPECIFICATIONS

Parameter	Value
Insertion Loss	0.3dB max.
Return Loss	-55dB max. for UPC polish, -65dB max. for APC polish

**STANDARDS  
COMPLIANCE**

**RoHS**

Directive on Restriction of  
Hazardous Substances

**TIA-569-B**

Commercial Building Standard for  
Telecommunications Pathways and Spaces

**GR-326-CORE**

Generic Requirements for  
Single Mode Optical Connectors and  
Jumper Assemblies

**GR-20-CORE**

Generic Requirements for Optical Fiber  
and Optical Fiber Cable

**ANSI/TIA-568-C.3**

Optical Fiber Cabling Components  
Standard

**ANSI/TIA-598-C**

Optical Fiber Cable Color Coding

**TIA-604 Series**

Fiber Optic Connector  
Intermateability Standard

**TIA-455 Series**

Standard Test Procedure  
for Fiber Optic Components

**IEC 60874-1**

Connectors for Optical Fibers  
and Cables – Generic Standard

**ECA/EIA-310-E**

Cabinets, Racks, Panels and  
Associated Equipment Standard

**GR-1502-CORE**

Central Office/Network  
Environment Detail Engineering  
Generic Requirement

**IEC 60297 Series SA ADS**

Mechanical Structures  
for Electronic Equipment

**UL 94**

Tests for Flammability of Plastic Material  
for Parts in Devices and Appliances