

## FIBER DISTRIBUTION PANELS (FDP)

### OVERVIEW

Designed for 1RU deployments, where rack space and airflow are paramount, these fiber distribution panels are ideal for cabinet installations as well as Central Offices, MSOs and Data Centers.

#### **FDP Panel, 1RU, 4-Slot “23-Inch FDP Panel”**

**Part#: PLO-1RU-FDP-23**

Anywhere 23-Inch rack mounting is required this panel can host a variety of LGX module solutions to get the job done. This panel offers front and rear fiber management tie downs and management loops along the front tray.

#### **FEATURES:**

- 1RU, 4 LGX slots
- 23-Inch Rack Mounting
- Integrated Fiber Management Loops



#### **FDP Panel, 1RU, 3-Slot “19-Inch FDP Panel”**

**Part#: PLO-1RU-FDP-19**

This FDP panel can host a variety of LGX module solutions to get the job done. This panel offers 3 LGX slots, 23-inch extension brackets, and front and rear fiber management tie downs and management loops along the front tray.

#### **FEATURES:**

- 1RU, 4 LGX slots
- 19-Inch Rack Mounting
- 23-Inch Extension Brackets
- Integrated Fiber Management



### TECHNICAL SPECIFICATIONS

CHASSIS	UNITS	19-INCH FDP PANEL	23-INCH FDP PANEL
TOTAL RACK UNITS	RU	1	1
LGX SLOTS	#	3	4
WIDTH	in	19	23
EXTENSION BRACKETS		YES	NO
HEIGHT	in	1.75	
DEPTH INCLUDING FIBER MGT.	in	7.28	
NYLATCH SPACING (LGX SLOTS)	mm	118	
OPERATING TEMPERATURE	°C	-40 ~ +85	
STORAGE TEMPERATURE	°C	-40 ~ +85	

**ORDERING INFORMATION**

PART NUMBER	DESCRIPTION
PLO-1RU-FDP-19	FIBER DISTRIBUTION PANEL, 19-INCH, 1RU, 3 LGX SLOT, FIBER MANAGEMENT TRAY, 23" EXTENTION BRACKETS, FIBER MANAGEMENT LOOPS
PLO-1RU-FDP-23	FIBER DISTRIBUTION PANEL, 23-INCH, 1RU, 4 LGX SLOT, FIBER MANAGEMENT TRAY, FIBER MANAGEMENT LOOPS
<b>POPULAR 19-INCH FDP PANEL KITS</b>	
PLO-1RU-FDP-19-36-SCA	FIBER DISTRIBUTION PANEL KIT, ONE PLO-1RU-FDP-19 PANEL, WITH THREE 12 PORT SC-APC BULKHEAD MODULES (36 PORTS)
PLO-1RU-FDP-19-72-LC	FIBER DISTRIBUTION PANEL KIT, ONE PLO-1RU-FDP-19 PANEL, WITH THREE 24 PORT LC-UPC BULKHEAD MODULES (76 PORTS)
<b>POPULAR 23-INCH FDP PANEL KITS</b>	
PLO-1RU-FDP-23-48-SCA	FIBER DISTRIBUTION PANEL KIT, ONE PLO-1RU-FDP-23 PANEL, WITH FOUR 12 PORT SC-APC BULKHEAD MODULES (48 PORTS)
PLO-1RU-FDP-23-96-LC	FIBER DISTRIBUTION PANEL KIT, ONE PLO-1RU-FDP-23 PANEL, WITH FOUR 24 PORT LC-UPC BULKHEAD MODULES (96 PORTS)

NOTE: LGX BASED FDP PANELS ARE COMPATIBLE WITH MOST LGX BASED MODULES INCLUDING CWDM/DWDM, BULKHEAD MODULES, PIGTAIL MODULES, SPLICE IN MODULES, AND SPLITTER SOLUTIONS.



23-INCH FDP PANEL EQUIPPED WITH FOUR, 24-PORT LC UPC BULKHEAD FACEPLATE MODULES



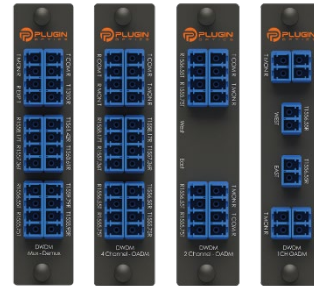
19-INCH FDP PANEL EQUIPPED WITH THREE, 12-PORT LC UPC BULKHEAD FACEPLATE MODULES

## OPTIONAL ACCESSORIES

Plugin Optics LGX Mounting Solutions can be fitted with a host of LGX solutions including DWDM and CWDM, bulkhead modules, pigtail modules and LGX splice modules.

### CWDM and DWDM Modules

- LGX Based Modules: CWDM or DWDM
  - Up to 16 Channels
- MUX/DEMUX and OADM Configurations
- Monitor Port, 1310 and 1550nm Wideband, and Expansion Port Options



POPULAR CWDM/DWDM MODULES	
PART NUMBER	DESCRIPTION
PLO-L1CT-A9C1-LC	LGX, 9 CHANNEL, CWDM MUX-DEMUX, 1471-1611NM, 1310, 2% MONITOR, LC-UPC
PLO-L1CT-C7C1-LC	LGX, 7 CHANNEL, CWDM MUX-DEMUX, 1471-1491-1511-1591-1611, 1310WB, 1550WB, 2% MONITOR, LC-UPC
PLO-L2DT-B9C1-LC	LGX, 8 CHANNEL DWDM +1310 +EXP, MUX-DEMUX, ITU C20-C27, 1561.42 - 1555.75, 2% MONITOR, LC-UPC
NOTE: PLUGIN OPTICS OFFERS A COMPLETE LINE OF FLEXIBLE, CUSOMIZABLE CWDM AND DWDM MODULES	

### BULKHEAD FACEPLATE MODULES

- Fiber Patch and Cross Connect
- LC-UPC, SC-UPC and SC-APC
- 12-Fiber and 24-Fiber Configurations
- 1-Wide and 2-Wide Options
- Available for Most Connector Types and Fiber Counts



ORDERING INFORMATION	
LGX BULKHEAD CONNECTORS	
PLO-12LGX-BLKFP-LCU	12 PORT LGX BULKHEAD FACEPLATE, 1-WIDE, LC-UPC
PLO-24LGX-BLKFP-LCU	24 PORT LGX BULKHEAD FACEPLATE, 1-WIDE, LC-UPC
PLO-12LGX-BLKFP-SCU	12 PORT LGX BULKHEAD FACEPLATE, 1-WIDE, SC-UPC
PLO-12LGX-BLKFP-SCA	12 PORT LGX BULKHEAD FACEPLATE, 1-WIDE, SC-APC
PLO-24LGX-BLKFP-SCA	24 PORT LGX BULKHEAD FACEPLATE, 2-WIDE, SC-APC
NOTE: MOST FIBER CONNECTOR TYPES AND FIBER COUNTS AVAILABLE UPON REQUEST	

## LGX PIGTAIL MODULES

- Fiber Patch and Cross Connect
- LC-UPC, SC-UPC and SC-APC
- 12-Fiber and 24-Fiber Configurations
- 1-Wide and 2-Wide Options
- Available with OSP Rated and Armored Cable Lengths Up to 500 Feet



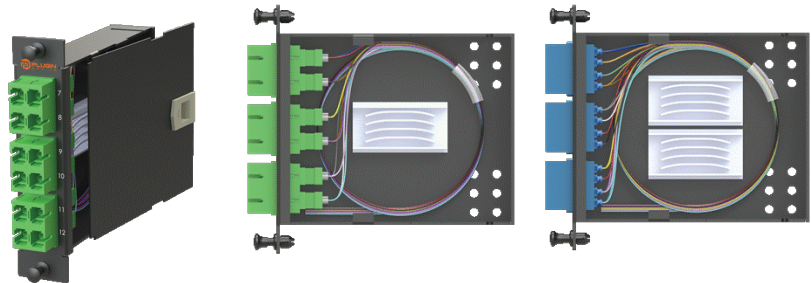
### ORDERING INFORMATION

LGX PIGTAIL MODULES	
PLO-12LGX-12FLSZH-2MLC	12 PORT LGX MODULE, 1-WIDE, LC-UPC, WITH 2 METER 12-FIBER FLAT RIBBON CABLE PIGTAIL, G657A2-LSZH
PLO-24LGX-24FLSZH-2MLC	24 PORT LGX MODULE, 1-WIDE, LC-UPC, WITH TWO 2 METER 12-FIBER FLAT RIBBON CABLE PIGTAIL, G657A2-LSZH
PLO-12LGX-12FLSZH-2MSC	12 PORT LGX MODULE, 1-WIDE, SC-UPC, WITH 2 METER 12-FIBER FLAT RIBBON CABLE PIGTAIL, G657A2-LSZH
PLO-12LGX-12FLSZH-2MSCA	12 PORT LGX MODULE, 1-WIDE, SC-APC, WITH 2 METER 12-FIBER FLAT RIBBON CABLE PIGTAIL, G657A2-LSZH
PLO-24LGX-24FLSZH-2MSCA	24 PORT LGX MODULE, 2-WIDE, SC-APC WITH TWO 2 METER 12-FIBER FLAT RIBBON CABLE PIGTAIL, G657A2-LSZH

NOTE: VARIANTS WITH OTHER CONNECTORS AND COUNTS ARE ALSO AVAILABLE UPON REQUEST.

## LGX SPLICE MODULES

- Fiber Splice and Patch
- LC-UPC SC-UPC and SC-APC
- 12-Fiber and 24-Fiber Configurations
- Available to Support Most Common Fiber Connector Types and Fiber Counts



### ORDERING INFORMATION

LGX SPLICE MODULES	
PLO-12LGX-PSPL-LCU	12 PORT LGX SPLICE MODULE, 1 WIDE, LC-UPC, 12 FIBER RIBBON
PLO-24LGX-PSPL-LCU	24 PORT LGX SPLICE MODULE, 1 WIDE, LC-UPC, 2X 12 FIBER RIBBON
PLO-12LGX-PSPL-SCU	12 PORT LGX SPLICE MODULE, 1 WIDE, SC-UPC, 12 FIBER RIBBON
PLO-12LGX-PSPL-SCA	12 PORT LGX SPLICE MODULE, 1 WIDE, SC-APC, 12 FIBER RIBBON
PLO-12LGX-PSPL-LCU	12 PORT LGX SPLICE MODULE, 1 WIDE, LC-UPC, 12 FIBER RIBBON

NOTE: VARIANTS WITH OTHER CONNECTORS AND COUNTS ARE ALSO AVAILABLE UPON REQUEST.

### LGX BASED PLC SPLITTERS

- 1x2, 1x4, 1x8 and 1x16 Configurations
- LGX Mounting
- Low Loss
- Indoor or Outdoor Use
- Temp Range: I-Temp



### ORDERING INFORMATION

LGX BASED SPLITTERS	
PLO-L-102-SCA-SCA	LGX SPLITTER MODULE, 1X2 PLC, 1-WIDE, SC-APC
PLO-L-104-SCA-SCA	LGX SPLITTER MODULE, 1X4 PLC, 1-WIDE, SC-APC
PLO-L-108-SCA-SCA	LGX SPLITTER MODULE, 1X8 PLC, 1-WIDE, SC-APC
PLO-L-116-SCA-SCA	LGX SPLITTER MODULE, 1X16 PLC, 2-WIDE, SC-APC

NOTE: VARIANTS WITH OTHER CONNECTORS AND COUNTS ARE ALSO AVAILABLE UPON REQUEST.



23-INCH FDP PANEL, WITH THE TWO INCLUDED OPTIONAL FIBER MANAGEMENT LOOPS INSTALLED, EQUIPPED WITH (1) LGX SPLICE MODULE, (1) DWDM MODULE, (1) PIGTAIL MODULE AND (1) BULKHEAD FACEPLATE MODULE