

## LGX FRONT EXIT SPLITTERS

### OVERVIEW

LGX Front Exit Splitters are designed for use in “spliced in” fiber distribution applications. The modules feature 1.2-meter single mode fiber tails exiting the front and are factory terminated with SC-APC connectors. The modules can be connected to splice in distribution modules, or bulkhead connector modules connecting to feeder or distribution fibers. These carrier grade modules can be deployed in Plugin LGX chassis or other industry standard LGX compatible mounting solutions.



#### FEATURES

- 1x8 & 1x16 & 1x32 Variants
- LGX Mounting
- Low Loss
- Indoor or Outdoor Use
- Temp Range: I-Temp

#### ENVIRONMENT

- Central Office
- Head End
- Remote Site
- Cabinet
- Pedestal

#### CONFIGURATIONS

- Fiber-To-The-Home
- Fiber-To-The-Tower
- Centralized Split
- Distributed Split

TECHNICAL SPECIFICATIONS				
PARAMETER	UNIT	1x8	1x16	1x32
DIMENSIONS: LGX BOX (H X W X D)	mm		28.8 x 100 x 76.2	
DIMENSIONS: FACEPLATE (H X W):	mm		28.8 x 130	
INSERTION LOSS	dB	10.5	13.7	16.7
LOSS UNIFORMITY	dB	0.8	1.0	1.5
POLARIZATION DEPENDENT LOSS	dB	0.2	0.3	0.3
OPERATING WAVELENGTH	nm		1260 ~ 1650	
RETURN LOSS	dB		≥55	
DIRECTIVITY	dB		≥55	
WAVELENGTH DEPENDENT LOSS	dB		≤0.3	
OPERATING TEMPERATURE	°C		-40 ~ 85	
STORAGE TEMPERATURE	°C		-40 ~ 85	
FIBER TYPE			G.657A2	
FIBER LENGTH	M		1.2	
CONNECTOR TYPE			SC-APC	

ORDERING INFORMATION	
PART NUMBER	DESCRIPTION
PLO-LGX-PLC-108-1.2M SCA	LGX SPLITTER, 1X8 PLC, 1-WIDE, FRONT EXIT PIGTAIL, 2MM, 1.2 METER, SM, SC-APC
PLO-LGX-PLC-116-1.2M-SCA	LGX SPLITTER, 1X16 PLC, 1-WIDE, FRONT EXIT PIGTAIL, 2MM, 1.2 METER, SM, SC-APC
PLO-LGX-PLC-132-1.2M-SCA	LGX SPLITTER, 1X32 PLC, 1-WIDE, FRONT EXIT PIGTAIL, 2MM, 1.2 METER, SM, SC-APC
<i>NOTE: MODULES WITH RATIO TAPS, AND SPLITTER-TAP COMBINATIONS ARE ALSO AVAILABLE.</i>	