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	**ENVIRONMENT**	**CONFIGURATIONS**
1x8 & 1x16 & 1x32 Variants	Central Office	Fiber-To-The-Home
LGX Mounting	Head End	Fiber-To-The-Tower
Low Loss	Remote Site	Centralized Split
Indoor or Outdoor Use	Cabinet	Distributed Split
Temp Range: I-Temp	Pedestal	

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 EXIST PIGTAIL, 2MM, 1.2 METER, SM, SC-APC
PLO-LGX-PLC-116-1.2M-SCA	LGX SPLITTER, 1X16 PLC, 1-WIDE, FRONT EXIST PIGTAIL, 2MM, 1.2 METER, SM, SC-APC
PLO-LGX-PLC-132-1.2M-SCA	LGX SPLITTER, 1X32 PLC, 1-WIDE, FRONT EXIST PIGTAIL, 2MM, 1.2 METER, SM, SC-APC

NOTE: MODULES WITH RATIO TAPS, AND SPLITTER-TAP COMBINATIONS ARE ALSO AVAILABLE.

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