

## ABS PLC SPLITTERS

### OVERVIEW

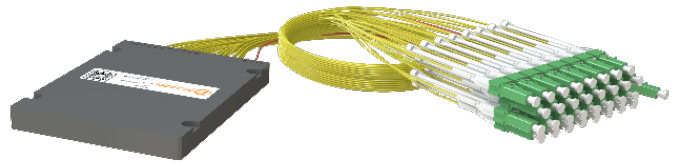
ABS PLC Splitters are designed to be used in point to multipoint PON optical distribution networks and are easily deployed in pedestal, cabinet and splice enclosure environments in Telco and MSO Networks. PLC Fiber Optic Splitters feature high quality, low insertion loss and high reliability. With splitter options from 1x2 through 1x64 the 1xN PLC splitters offer the highest of flexibility for your network needs.

#### FEATURES

- Variants: 1x8, 1x16, 1x32 and 1x64
- Connector: LC-APC, LC-APC With Pull Tabs
- Operating Window: 1260nm-1650nm
- I-Temp: -40 ~ 85 °C
- Low Insertion Loss
- Red Input Fiber
- G657A2 Fiber

#### APPLICATIONS

- FTTX Tap Architecture
- Telco and MSO Networks
- Passive Optical Networking



### TECHNICAL SPECIFICATIONS

DESCRIPTION	UNITS	SPECIFICATION			
SPLIT RATIO	--	1x8	1x16	1x32	1x64
INSERTION LOSS	dB	10.5	13.7	16.7	20.7
UNIFORMITY	dB	0.8	1.0	1.5	2.0
POLARIZATION DEPENDENT LOSS	dB	0.2	0.3	0.3	.4
WAVELENGTH DEPENDENT LOSS	dB	<0.5	<0.5	<0.5	<1
RETURN LOSS	dB	≥55			
DIRECTIVITY	dB	≥55			
ABS BOX DIMENSIONS	mm	100 x 80 x 10			
OPERATING WAVELENGTH	nm	1260-1625			
FIBER TYPE	--	G657A2			
FIBER TAIL LENGTH	M	0.6			
CONNECTOR TYPE	--	LC-APC OR LC-APC PULL TAB			
STORAGE/OPERATING TEMP	°C	-40 ~ +85			

**ORDERING INFORMATION**

<b>PART NUMBER</b>	<b>DESCRIPTION</b>
PLO-A-108-LCA-LCA-P	PLC PIGTAIL 1X8 SPLITTER, ABS BOX, 1.2MM FIBER PIGTAILS, 0.6 METERS, LSZH, LC-APC WITH PULL TABS SHORT BOOT, (IN-RED TUBE, OUT-BLACK TUBE)
PLO-A-116-LCA-LCA-P	PLC PIGTAIL 1X16 SPLITTER, ABS BOX, 1.2MM FIBER PIGTAILS, 0.6 METERS, LSZH, LC-APC WITH PULL TABS SHORT BOOT, (IN-RED TUBE, OUT-BLACK TUBE)
PLO-A-132-LCA-LCA-P	PLC PIGTAIL 1X32 SPLITTER, ABS BOX, 1.2MM FIBER PIGTAILS, 0.6 METERS, LSZH, LC-APC WITH PULL TABS SHORT BOOT, (IN-RED TUBE, OUT-BLACK TUBE)
PLO-A-164-LCA-LCA-P	PLC PIGTAIL 1X64 SPLITTER, ABS BOX, 1.2MM FIBER PIGTAILS, 0.6 METERS, LSZH, LC-APC WITH PULL TABS SHORT BOOT, (IN-RED TUBE, OUT-BLACK TUBE)

NOTE: 1xN PLC SPLITTERS CAN BE ORDERED IN MULTIPLE CONFIGURATIONS. PLEASE CONTACT US FOR VARIATIONS OF PIGTAIL TYPE, LENGTH, OR CONNECTOR TYPES.