

## PLC Splitter



### Product Introduction

PLC Splitters based on the Planar Waveguide Technology. The products own ultra-low polarization dependent loss(PDL), also feature low insertion loss and high port uniformity. The products are Telcordia GR-1221-CORE qualified, and RoHS compliant.

### Features

- Low excess loss
- Uniform power splitting

### Applications

- FTTX
- LAN, WAN system
- CATV system

### Standards

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE

Specifications

Parameters	Unit	Specifications					
Wavelength	nm	1260 ~1650					
Port 1×N		2	4	8	16	32	64
Max Insertion Loss	dB	4.0	7.4	10.7	13.9	17.2	21
Max Uniformity	dB	0.6	0.8	1.0	1.4	1.6	2.0
Port 2×N		2	4	8	16	32	64
Max Insertion Loss	dB	4.2	7.6	11	14.8	17.9	21.5
Max Uniformity	dB	0.7	1.0	1.2	1.5	1.8	2.5
Directivity	dB	≥55					
Return Loss	dB	≥50					
PDL	dB	≤0.3					≤0.5

Package and Installation Dimension

Device:

	B(nx2~nx8)	C(nx16~nx32)	D (nx64)
Package (mm)	≤60*7*4	≤80*20*6	≤100*40*6

Module:

	F	15A	16A
Package (mm)	100*80*10	140*114*18	120*80*18
Installation (mm)	94*74*4 φ 3.5	100*106*4 φ 3.5	80*74*4 φ 3

	LGX		11 (1U Rack)	12 (2U Rack)
Package (mm)	129×158×28 (1U)	129×158×58 (2U)	482×230×44	482×202×88

Ordering Information

PLCS -□-□-□-□-□-□

- Package: Device:B,C,D; Module:15A, 16A; Rack:11,12
- Connector: FC/UPC,FC/APC, SC/UPC,SC/APC,FC/UPC,FC/APC
- Output:C1:1m $\phi$ 0.9mm,D1::1m $\phi$ 0.25mm,A1::1m $\phi$  2.0mm,Rack:00
- Input:C1:1m $\phi$ 0.9mm,D1:C1:1m $\phi$ 0.25mm,A1::1m $\phi$  2.0mm,Rack:00
- Wavelength:1310:1310nm, 1550:1550nm,135:1310/1550nm,  
345:1310/1490/1550nm
- Port:14:1x4, 18:1x8,116:1x16,132:1x32,24:2x4,28:2x8,216:2x16

