

PLC Splitter – Wall Mountable



Wall Mount Planar Light Wave Circuit (PLC) Splitters comes in PC + ABS Material enclosure with block less splitter assembly. It supports a variety of spectra 1:2, 1:4, 1:8, 2:2, 2:4, 2:8. PLC Splitter is type of optical power management device that is fabricated using silica optical waveguide technology. It is small size, high reliability, wide operating wavelength range and good channel uniformity.

Features

- Compact design for space saving
- Uniform power splitting
- High reliability and environmental stability
- Proper Fixing/Mounting Provisions.
- PC + ABS Material
- Covered under 3C3® Performance Warranty

Enclosure Specifications

Storage & Operating Temperature	:	-40°C~+80°C.
Relative Humidity	:	≤85% (+30°C)
Atmospheric pressure	:	70KPa~106 Kpa.
Color	:	White
Inlet/Outlet	:	3 Inlet/8 Outlet
Dimension for (W x H x D)	:	200 x 215 x 54 mm

PLC Splitter – Wall Mountable

Technical Specifications

1x N PLC Splitter (Measured at room Temperature and excludes Connector loss)

Type		1:2	1:4	1:8
Fiber Type			SM 9/125, G657.A1	
Operating Wavelength			1260 ~ 1650nm	
Insertion Loss (dB)	Max	3.8	7.1	10.2
Loss uniformity(dB)	Max	0.6	0.6	0.8
Polarization Dependent Loss (dB)	Max	0.15	0.15	0.2
Directivity(dB)	Min		55dB	
Return Loss	Min		UPC 50dB, APC 60dB	
Operating Temperature			-40°C ~ +85°C	
Storage Temperature			-40°C ~ +85°C	

2x N PLC Splitter (Measured at room Temperature and excludes Connector loss)

Type		2:2	2:4	2:8
Fiber Type			SM 9/125, G657.A1	
Operating Wavelength			1260 ~ 1650nm	
Insertion Loss (dB)	Max	3.8	7.1	10.2
Loss uniformity(dB)	Max	0.6	0.6	0.8
Polarization Dependent Loss (dB)	Max	0.15	0.15	0.2
Directivity(dB)	Min		55dB	
Return Loss	Min		UPC 50dB, APC 60dB	
Operating Temperature			-40°C ~ +85°C	
Storage Temperature			-40°C ~ +85°C	

PLC Splitter – Wall Mountable

1x N PLC Splitter (Measured at room Temperature and including Connector loss)

Type		1:2	1:4	1:8
Fiber Type			SM 9/125, G657.A1	
Operating Wavelength			1260 ~ 1650nm	
Insertion Loss (dB)	Max	4.1	7.4	10.5
Loss uniformity(dB)	Max	0.6	0.6	0.8
Polarization Dependent Loss (dB)	Max	0.15	0.15	0.2
Directivity(dB)	Min		55dB	
Return Loss	Min		UPC 50dB, APC 60dB	
Operating Temperature			-40°C ~ +85°C	
Storage Temperature			-40°C ~ +85°C	

2x N PLC Splitter (Measured at room Temperature and including Connector loss)

Type		2:2	2:4	2:8
Fiber Type			SM 9/125, G657.A1	
Operating Wavelength			1260 ~ 1650nm	
Insertion Loss (dB)	Max	4.4	7.7	11.1
Loss uniformity(dB)	Max	0.8	0.8	1.5
Polarization Dependent Loss (dB)	Max	0.2	0.2	0.3
Directivity(dB)	Min		55dB	
Return Loss	Min		UPC 50dB, APC 60dB	
Operating Temperature			-40°C ~ +85°C	
Storage Temperature			-40°C ~ +85°C	

Ordering Information

Product Code
81CD2-0000

Description
 PLC Splitter, Wall Mountable
 C = 6 - UPC, 7 - APC
 D = 0 - One Input, 1 - Two Input