

PLC FIBER OPTIC SPLITTER BARE FIBRE

PLC fiber optic splitter or Planar Lightwave Circuit Splitter is one of ideal component for future network expansion by offering high stable performance and stability. It is a splitter suitable for multiple operating wavelengths(1260-1650nm) with equal splitting ratio in small size compact configuration.

PLC Fiber Optic Splitter Mini Module is usually with 250um bare fiber packed in stainless tube for compact space installation

Features

- Single mode, multimode fiber splitter available
- Compact configuration , small size, bare fiber 250um, or ribbon version
- Various highly definable coupling ratios to serve the precise requirement
- Package designed to deliver on size, shape, or ruggedness requirements defined by particular project.
- Equal splitting ratio for all branches.
- Compliant with GR-1221 and GR1209 standard
- Good option for multiple operating wavelength
- 1xN and 2xN splitters available

Specification:

Parameters	1x2	1x4	1x8	1x16	1x32	1x64	1x128
Fiber Type	G657A1 or customer specified						
Insertion Loss (dB) (P/S Grade)	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21.0	23.8/24.2
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2.0	2.5
PDL(dB)	0.2	0.2	0.2	0.25	0.3	0.35	0.4
Return Loss (dB) (P/S Grade)	55/50	55/50	55/50	55/50	55/50	55/50	55/50
Directivity (dB)	55	55	55	55	55	55	55
Wavelength Dependent Loss (dB)	0.3	0.3	0.3	0.5	0.5	0.5	0.5
Temperature Stability (-40~85 °C)(dB)	0.4	0.4	0.4	0.5	0.5	0.5	0.5
Device Dimension (mm)	40x4x4	40x4x4	40x4x4	50x4x4	50x7x4	60x12x4	N/A
Module Dimension (mm)	100x80 x10	100x80x 10	100x80x 10	120x80x18	140x115x1 8	140x115x18	140x115 x18
Mini-Module Dimension (mm)	50x7x4	50x7x4	50x7x4	60x12x4	80x20x6	100x40x6	N/A

Structure

