

PLC FIBER OPTIC SPLITTER MINI MODULE

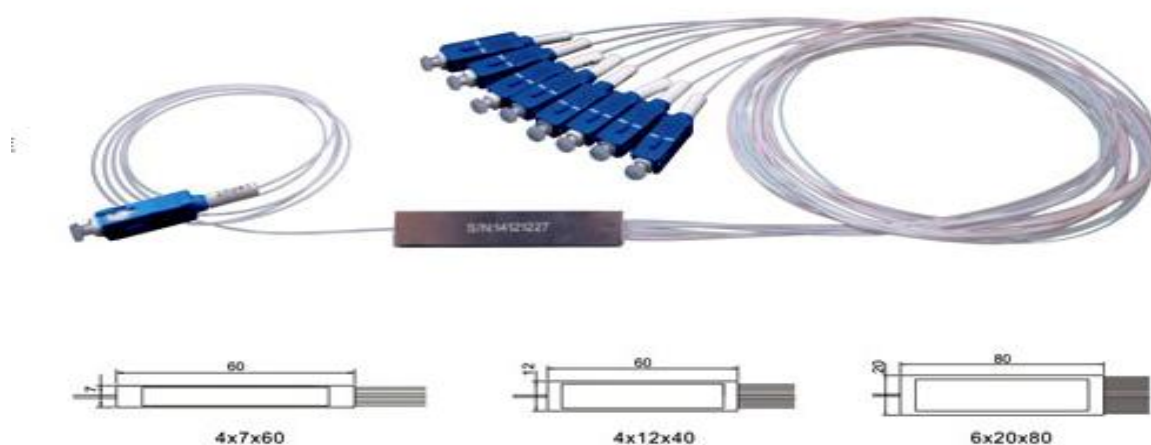
PLC fiber optic splitter or Planar Lightwave Circuit Splitter is one of ideal component for future network expansion by offering high stable performance and stability. It is a splitter suitable for multiple operating wavelengths(1260-1650nm) with equal splitting ratio in small size compact configuration.

PLC Fiber Optic Splitter Mini Module is usually with 0.9mm fiber packed in stainless tube for compact space installation

Features

- Single mode, multimode fiber splitter available
- Compact configuration , small size, 0.9mm fiber cable
- Various highly definable coupling ratios to serve the precise requirement
- Connectors: FC, LC, ST, MU SC with PC , APC endface allows seamless integration into existing system
- 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

Structure:



Specification:

Parameters	1×2	1×4	1×8	1×16	1×32	1×64	1×128
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)	40×4×4	40×4×4	40×4×4	50×4×4	50×7×4	60×12×4	N/A
Module Dimension (mm)	100×80×10	100×80×10	100×80×10	120×80×18	140×115×18	140×115×18	140×115×18
Mini-Module Dimension (mm)	50×7×4	50×7×4	50×7×4	60×12×4	80×20×6	100×40×6	N/A