MCR GROUP, INC.

PLC Splitter without connector Specification

Application：

Planar light wave circuit (PLC) splitter is a type of optical power management device that is fabricated using silica optical waveguide technology. It features small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity, and is widely used in PON networks to realize optical signal power splitting.
PLC Splitter 1*2, 1*4,1*8,1*16,1*32,1*64, without connectors, input port fiber length 1.5m, output port fiber length 1.5m,250um/900um diameter, G652D/ G657A fiber.

Feature：

- Small size and aesthetic appearance.
- Installation quick, reliable performance, stability.
- Employ integrated optic production process.
- Wide operating wavelength range.
- Good uniformity, in particular the application of PON.
- Optical fiber：G652D or G657A Fiber
- Meet GR-1209-CORE and GR-1221-CORE requirements.

- Note: the picture provides a reference only.

Technical characteristics for splitter:

Type	1X2	1X4	1X8	1X16	1X32	1X64
Model No.	MCR-PLC09-WN 1x2/4/8/16/32/64					
Channel wavelength(nm)	1260-1650nm					
Test Wavelength	1310/1550nm					
Insertion loss(dB) (±0.3)	≤3.5	≤7.0	≤10.2	≤13.5	≤16.6	≤21.1
Loss Uniformity (dB)	≤0.6	≤0.7	≤1.0	≤1.2	≤1.4	≤2.0
Polarization dependent loss(dB)	≤0.20	≤0.25	≤0.30	≤0.30	≤0.30	≤0.35
Return loss (dB)	≥55					
Fiber Type	ITU-T G657 D or G657 A Fiber					

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If you need more information, please contact us!