

1×12 Planar Lightwave Circuit Splitter Specifications

1. Product Information

Part Number: NS-PLC-12

1X12 PLC Splitter, 0.9mm, 0.9mm.

Description: 1×12 Planar Lightwave Circuit Splitter, input 0.9mm loose tube, output 0.9mm loose tube, 1m without connector.

2. Specifications

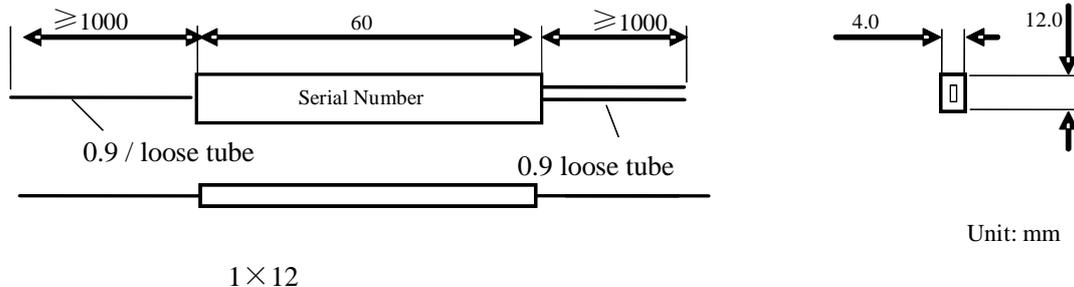
Parameters	Specifications	unit	Notes
Channel Number	1×12		RoH Accord with RoHS requirement.
Operation Wavelength	1260 ~ 1650	nm	
Insertion Loss	≤12.3	dB	
Uniformity	≤1.0	dB	
PDL	≤0.3	dB	
Return Loss	≥50	dB	
Directivity	≥55	dB	
Fiber Type	9/125 um SMF-28e		
Pigtail Type	Input: loose tube		
	Output: loose tube		
Input Length	≥1.0	m	
Output Length	≥1.0	m	
Connector	None		
Fiber Mark	Input: white		
	Output: white		
Package Dimension	60.0(L)×12.0(W)×4.0(H)	mm	
Operation Temperature	-40 ~ +85	°C	

Storage Temperature	-40 ~ +85	°C	
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3.

Rev	Notes	Authors	Audit	Approval	Date
V0	New release				

4. Dimensions Diagram



5. Test Report

The test report should be provided when the products are delivered. Following characteristic test data should be included.:

- Insertion Loss (room temperature)
- PDL(room temperature)
- PN、SN, PN、SN bar code

6. Products should be packaged carefully to prevent damage and characteristic deterioration due to temperature/humidity, mechanical vibration, and shock during transporting. Following items should be indicated on the outer packaging surface:

- Customer Product name
- Model
- Serial number