

1260-1650nm PLC Splitter Module



Feature

- High Reliability
- Low Insertion Loss
- High Channel Counts
- High Reliability and Stability
- Low Profile Packaging

Application

- FTTx System
- LAN, WAN Networks
- Metro Networks
- Analog/Digital PON
- CATV Networks

Specification

Parameter	Unit	Value					
Working Wavelength	nm	1260-1650					
Configuration	-	1x2	1x4	1x8	1x16	1x32	1x64
Insertion Loss	dB	≤4.1	≤7.1	≤10.5	≤13.8	≤16.8	≤20.5
Uniformity	dB	≤0.5	≤0.6	≤0.8	≤1.2	≤1.5	≤2.0
PDL	dB	≤0.2	≤0.2	≤0.2	≤0.3	≤0.3	≤0.3
Package Dimension	mm	100x80x10			120x80x18		141x115x18
Configuration	-	2x2	2x4	2x8	2x16	2x32	2x64
Insertion Loss	dB	≤4.3	≤7.3	≤10.8	≤14.3	≤17.3	≤21.5
Uniformity	dB	≤0.6	≤0.9	≤1.2	≤1.5	≤1.8	≤2.5
PDL	dB	≤0.2	≤0.2	≤0.3	≤0.4	≤0.4	≤0.4

Package Dimension	mm	100x80x10	120x80x18	141x115x18
Return Loss	dB	≥50		
Directivity	dB	≥55		
Fiber Type	-	SMF-28 Fiber		
Fiber Tensile Load	N	5		
Max. Optical Power (CW)	mW	300		
Operating Temperature	°C	-40-85		
Storage Temperature	°C	-40~85		

Note: 1. Specifications are for device without connectors; Specifications may change without notice.

2. To add connectors, IL is 0.3dB higher, RL is 5dB lower.

3. Devices for higher optical power or with other type fiber or consigned fiber are also available.

Ordering information

PLCM-	NXNN	-	C	NN	-	CC/CCC
Configuration	Fiber Sleeve		Fiber Length	Connector Type		
1X32=1x32 Type	B= Bare Fiber		10=1 m	N=None		
2X08=2x8 Type	L= 900um Loose Tube		15=1.5m	FC/APC=FC/APC Connector		
1X04=1x4 Type	3= 3mm Cable			SC/PC= SC/PC Connector		