



Min PLC splitter



Module PLC splitter



Rack Mount PLC splitter



Chassis PLC splitter

## Features

- 1: N, 2:N (N=2, 4, 8, 16, 32, 64) are available.
- Low IL and PDL
- Wide wavelength range
- High reliability
- High channel counts
- Excellent Environmental & Mechanical Stability
- Large operating temperature range

## Specifications

Operating Wavelength(nm)			1260---1650					
Fiber Type			G652A,G657A or Customer Specified					
1*N PLC Splitter			1*2	1*4	1*8	1*16	1*32	1*64
Insertion loss(dB)	MAX	dB	4.1	7.1	10.4	13.4	16.6	20.4
Channel Uniformity	MAX	dB	0.6	0.8	1.0	1.4	1.6	1.9
PDL	MAX	dB	0.2	0.3	0.3	0.3	0.3	0.45
Return loss	MIN	dB	55(P) / 50(S)					
2*N PLC Splitter			2*2	2*4	2*8	2*16	2*32	2*64
Insertion loss(dB)	MAX	dB	4.1	7.3	10.6	13.8	17.3	20.6

Channel Uniformity	MAX	dB	0.8	1.0	1.2	1.5	1.8	2.0
PDL	MAX	dB	0.2	0.3	0.3	0.3	0.3	0.5
Return loss	MIN	dB	55(P) / 50(S)					
Directivity	MIN	dB	55					
Temperature Stability(-40~85℃)	MAX	db	0.5					
Operation Temperature		℃	-40 ~ 85					
Storage Temperature		℃	-40 ~ 85					

**REMARK:**

Measured at room temperature and excludes connector loss

**Order information**

PLC: MD - 1 - B - 1.0 - 08 - B - 1.0 - SC/APC

- ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

①type	MN=Mini, MD=module, RM=Rack Mount, CS=Chassis
②Input form	1=1 channel ,2=2 Channels
③Input fiber type	B=250um Bare Fiber , 0.9/2.0/3.0L=900um/2mm/3mm Loose Tube
④Input fiber length	1.0M,1.5M Or can be customized
⑤Output form	04=4Channels,08=Channels,16/32/64
⑥Output fiber type	B=250um Bare Fiber , 0.9/2.0/3.0L=900um/2mm/3mm Loose Tube
⑦Output fiber length	1.0M,1.5M Or can be customized
⑧connector type	O=None.SC/FC/ST/LC/MU/SMA (PC/APC)