

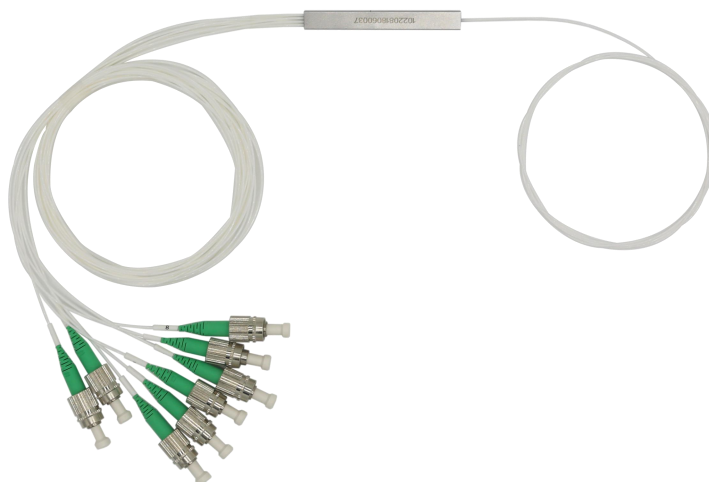


## Product features

- Low insertion loss
- Polarization insensitive
- High stability and reliability

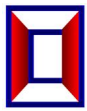
## Application

- Optical fiber to the home
- Passive optical network (E/GPON)
- Mobile, telecommunications network
- Local area network (LAN) and metropolitan area network
- Cable television network
- Test equipment



## Technical specification

Parameters	1×2	1×3	1×4	1×6	1×8	1×12	1×16	1×24	1×32	1×64
Operating Wavelength (nm)	1310 or 1550 or Special									
Insertion Loss (dB) (Typical)	≤3.8	≤6.2	≤7	≤9.4	≤10.2	≤12.6	≤13.5	≤15.8	≤16.6	≤21
Insertion Loss (dB) (max)	≤4.0	≤6.5	≤7.3	≤9.7	≤10.5	≤13	≤14	≤16	≤17	≤21.5
Loss Uniformity (dB)	≤0.3	≤0.5	≤0.5	≤0.6	≤0.5	≤0.8	≤0.8	≤1.2	≤1.0	≤1.5
ER (dB)	≥20	≥20	≥20	≥20	≥20	≥20	≥18	≥18	≥18	≥18
Return Loss (dB)	≥50									
Directivity (dB) Min	≥50									
Fiber Type	PM1310 or PM1550 or Special									



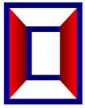
Operating Temperature (°C)	-5 ~ 70
Storage Temperature (°C)	-40 ~ 85
Maximum Power Handling (mW)	500
Package Dimensions(mm)	Special

\*Above specifications are for devices without the connectors.

\*For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis.

## Package box dimension

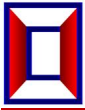
Item	1X2	1X3	1X4	1X6	1X8	1X12	1X16	1X24	1X32	1X64
(L*W*H)	40*4*4					50*7*4			60*7*4	
(L*W*H)	60*7*4					60*12*4			80*20*6	
(L*W*H)	100*80*10					120*80*18			141*115*18	



## Product dimensions

器件封装尺寸:	
Package 1:	
Package 2:	
Package 3:	
Mini 模块封装尺寸:	
Package 1:	
Package 2:	

ABS 盒子封装尺寸:	
ABS 1:	
ABS 2:	



**Ordering information HC-PMPLC-1×N-A-B-C-D-E-F-G**

PMPLC	A	B	C	D	E	F	G
	Wavelength range	ports	Fiber Type	Package Type	Pigtail Type	Length	Connector
	1310=1310nm 1550=1550nm S= Special	0102=1x2 0104=1x4 0108=1x8 0116=1x16 0132=1x32 0164=1x64	1=PM1310 2=PM1550	A=Bare fiber B=miniature C=box D=Chip type E=Pallet type F=RACK S=Special	0=Bare fiber 1=900um loose tube 2=900um Tight casing 3=2.0mmoptical fiber 4=3.0mmoptical fiber	0=0.5m 1=1m 2=1.5m 3=2m 4=3m 5=4m S=special	0=none 1=SC/PC 2=SC/APC 3=FC/PC 4=FC/APC 5=ST/PC 6=LC/PC 7=LC/APC 8=E2000 S=Special