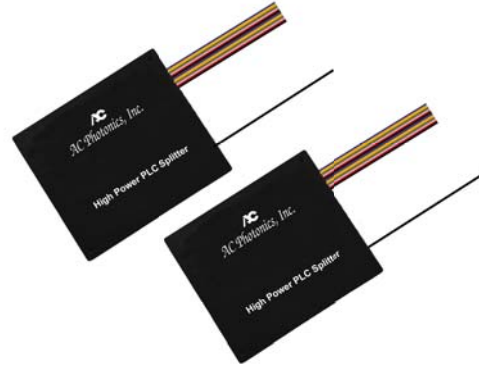




High Power PLC Splitters

AC Photonics' PLC splitters utilize advanced chip design and manufacturing technologies, as well as proven high reliability packaging. Their superior performances and extreme operating temperature range (-40~+85°C) make them very suited for FTTx applications. All AC products are Telcordia qualification tested.



Features

- Low Insertion Loss
- Low PDL
- Excellent Environmental & Mechanical Stability
- Qualified Under Telcordia GR-1221 and GR-1209

Applications

- FTTx (FTTP, FTTH, FTTN, FTTC)
- Passive Optical Networks (PON)
- Local Area Networks (LAN)
- Cable Television
- Test Equipments

Performance Specifications

Parameter	Specification					
Operating Wavelength (nm)	1270~1350; 1480~1625 or custom wavelength					
Type	1x16	2x16	1x32	2x32	1x64	2x64
Insertion Loss (dB) Max. *	≤14.1	≤14.8	≤17.5	≤18.5	≤20.8	≤21.2
Uniformity (dB) Max.*	≤1.5	≤2.0	≤2.0	≤2.5	≤2.5	≤3.0
PDL(dB)Max.*	≤0.3	≤0.4	≤0.3	≤0.4	≤0.3	≤0.3
Directivity (dB) Min *	55					
Return Loss (dB) Min *	50					
Operating Temperature (° C)	-40 ~ +85					
Storage Temperature (° C)	-40 ~ +85					
Fiber Type	Corning singlemode SMF-28					
Connector Type	Custom specified					
Power Handling (W)	1					

* 1 . Measured at room temperature and excludes connector loss

2 . For devices with connectors insertion loss will be 0.3 dB higher.

Ordering Information

PLCH	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Wavelength	Grade	Port	Input Pigtail Style	Fiber Length	Input Connector	Output Connector	Package Type (Optional)
PLCH =High Power PLC Splitter	35=1310/1550nm 13=1310nm 15=1550nm	P= P Grade	0164 =1x64 0264=2x64	1=Bare Fiber 2=900um Jacket	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC 7=LC/APC	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC 7=LC/APC 8=8 Fiber MPO(male) 9=8 Fiber MPO(female) X=Special	B2=18x80x120mm B3=14.5x102x142mm B4=18x115x141mm B5=19" Rack B6=LGX Boxes

Package Type Matrix

Package Type	Package Dimensions HxWxL (mm)	PLC Splitters Port Configuration		
		1x16; 2x16	1x32; 2x32	1x64; 2x64
B2	18x80x120	X		
B3	14.5x102x142	X	X	
B4	18x115x141	X	X	X
B5	19" Rack Single Wide	X	X	
	19" Rack Double Wide			X
B6	LGX Box Single Wide			
	LGX Box Double Wide	X		

