AC Photonics

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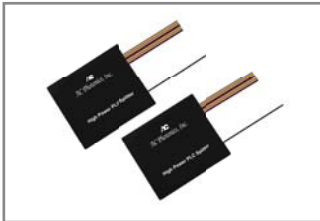email: sales@acphotonics.com
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High Power PLC Splitters

Key Features

- Low Insertion Loss
- Low PDL
- Excellent Environmental & Mechanial 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	Specifications					
Operation Wavelength	1260nm to 1650nm					
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
Return Loss (dB) (Min.)*	50					
Directivity (dB) (Min.)*	55					
Optical Power (W)	1					
Operating Temperature (°C)	-40 to + 85					
Storage Temperature (°C)	-40 to + 85					
Fiber Type	Corning singlemode SMF-28					
Connector Type	Custom specified					

Note: *1. Measured at room temperature and excludes connector loss.
2. For devices with connectors, insertion loss will be 0.3dB higher.

Package Type Matrix

Package Type	Package Dimensions (HxWxL) (mm)	PLC Splitters Port Confihuration		
		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		

Ordering Information

PLCH*								
	Wavelength	**Grade**	**Port**	**Pigtail Style**	**Fiber Length**	**Input Connector**	**Output Connector**	**Package Type (Optional)**
	13 = 1310nm 15 = 1550nm 35 = 1310/1550nm	P = Grade P	0116 = 1x16 0132 = 1x32 0164 = 1x64 0216 = 2x16 0232 = 2x32 0264 = 2x64	1 = Bare Fiber 2 = 900um Loose Tube	1 = 1.0m 2 = 2.0m	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC X=Special	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC 8 = 8 Fiber MPO (male) 9 = 8 Fiber MPO (famale) X = Special	B2 = 18x80x120 Case B3 = 14.5x102x142 Case B4 = 18x115x141 Case B5 = 19" Rasck B6 = LGX Boxes

* PLCH = High Power PLC Splitters