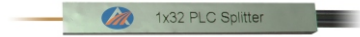


PLC 1 × N Splitter



PLC Splitters are based on Planar Waveguide Technology. They feature ultra low polarization dependent loss (PDL), low insertion loss and high port uniformity. The products are Telcordia GR-1221-CORE qualified, and RoHS compliant.

Features

- Low excess loss
- Uniform power splitting

Applications

- FTTH
- LAN, WAN systems
- CATV systems

Specifications

Parameter		Unit	Value					
			1×4	1×8	1×16	1×24	1×32	1×64
Operation Wavelength ¹		nm	1260~1650					
								1270~1350 1510~1590
IL ² @1310/1550nm	Typ	dB	7.1	10.4	13.6	15.5	16.8	20.3
	Max		7.4	10.7	13.9	15.8	17.2	21.5
PDL@1310/1550nm		dB	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.5
Uniformity		dB	≤0.8	≤1.0	≤1.4	≤1.4	≤1.6	≤2
Return Loss@1310/1550nm		dB	≥55	≥55	≥55	≥55	≥55	≥55
Fiber	Input Port	mm	Φ0.9					
	Output Ribbon		-					
	Fan Out	mm	Φ0.9					
Operation/Storage Temp.		°C	-40 to +85					
Maximum Input Power		mW	250					
Device Package		mm	46×5×4 (B)	46×5×4 (B)	60×7×4(C)	60×7×4(C)	60×7×4(C)	
Module Package		mm	140×114×18					
Rack Package		mm	482×230×44					

Note: 1, Operation wavelength is design guaranteed. Test result is supplied at point 1550 and 1310nm.

2, All the above data are measured without connectors. Specifications are subject to change without notice.

Ordering information

PLCS	—		—		—		—		—	
Port	Wavelength	Input Fiber Length	Ribbon/Fanout Fiber Length (output fiber length)	Connector	Package					
14:1×4 18:1×8 116:1×16 124:1×24 132:1×32 164:1×64	131:1310nm 155:1550nm 135:1310&1550nm 345:1310&1550&1490 nm	Device Package C1:1m Φ0.9mm D1:1m Φ0.25mm Rack package:00 Module package A1:1m Φ2mm B1:1m Φ3mm C1:1m Φ0.9mm	Device Package 1/0.5:1m/0.5m Rack package:00 Module package A1:1m Φ2mm B1:1m Φ3mm C1:1m Φ0.9mm	FC,SC,LC,MU/ PC,UPC,APC	B:Device Package C:Device Package 15A:Module package (140×114×18) 15B:Module package (140×114×36) 11:Rack package (482×230×44) 12:Rack package (482×202×88) customer specify					