



PLC Splitters are based on the Planar Waveguide Technology. The products have ultra-low polarization dependent loss(PDL), low insertion loss and high uniformity. The products are compliant with Telcordia GR-1209-CORE and GR-1221-CORE requirements.

Features

- Low excess loss
- Uniform power splitting

Applications

- FTTH
- LAN, WAN systems
- CATV systems

Specifications

Parameter		Unit	Value			
			1×4	1×8	1×16	1×32
Wavelength		nm	1260~1360,1480~1600			
IL'@1310/1550nm	Typ	dB	7.1	10.0	13.5	16.6
	Max	dB	7.4	10.3	13.8	17.0
PDL@1310/1550nm		dB	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3
Uniformity		dB	≤ 0.8	≤ 1.0	≤ 1.5	≤ 1.9
Return loss@1310/1550nm		dB	≥ 55	≥ 55	≥ 55	≥ 55
Fiber	Input port	mm	Φ0.9			
	Output ribbon	-	-			
	Fan out	mm	Φ0.9			
Operating /Storage temperature		°C	-40 to +85			
Maximum input power		mw	250			
Module package		mm	38×4×4	46×5×4	60×7×4	60×7×4
Package		mm	483×200×44			

Note:1,All insertion loss referenced without connector.

Ordering information

PLCS					
14:1×4 18:1×8 116:1×16 132:1×32	Module package 1 : 1.0m Rack package:00	Module package 1/0.5 : 1m/0.5m customer specify Rack package:00	FC,SC,LC,MU/PC, UPC,APC	1:Module Package 11:483×200×44	
Port	Input fiber length	Ribbon/fan out fiber length	Connector	Package	