

1*8 PLC Splitter with Steel Tube 900μ Fiber SC/APC

DESCRIPTION

PLC Splitter is based on the planar waveguide technology. It provides a low-cost power distribution solution with small form factor and high reliability. The splitter can be assembled with any connector standard. (SC, SC/APC, LC, LC/APC, E2000, E2000HRL...)

FEATURES

- Low insertion loss
- Low PDL
- High return loss
- Uniform power splitting
- Compact design
- Wide operating wavelength
- Wide operating temperature
- Excellent environmental & mechanical stability
- Qualified under Telcordia GR-1221 and GR-1209

APPLICATIONS

- FTTx (FTTB, FTTH, FTTC)
- Passive optical networks (PON)
- Local area networks (LAN)
- CATV systems
- Test equipments



SPECIFICATIONS

Input x Output Port Number			1x2	1x4	1x8	1x16	1x32	1x64
Optical Fiber Diameter	um	9/125						
Operating Wavelength	nm	1260 - 1650						
Insertion Loss (include PDL)	Typical	dB	≤3.6	≤7.0	≤10.3	≤13.6	≤16.6	≤20.1
	Max	dB	4	7.1	10.5	13.7	16.9	21
Uniformity' Max		dB	0.5	0.7	1	1.5	2	2
PDL Max		dB	0.3	0.3	0.3	0.3	0.3	0.5
Return Loss		dB	≥55	≥55	≥55	>55	≥55	≥55
Directivity'		dB	≥55	≥55	≥55	≥55	≥ 55	≥55
Output Fiber Type			4-fiber ribbonx1	4-fiber ribbonx2	8-fiber ribbonx2	8-fiber ribbonx4	8-fiber ribbonx8	
Case Size (For bare Fiber)	mm		40(L)x4(W)x4(H)			50(L)x7(W)x4(H)		60(L)x12(M) x4(H)
Case Size* (For 0.9 Loose Tube)	mm		60(L)x7(W)x4(H)			60(L)x20(W) x4(H)	80(L)x20(W) x6(H)	100(L)x40(W) x6(H)
Operation Temperature	°C		-40~ 85					
Characteristics Are Characteristics without connectors under room temperature at 1310nm/1550 nm ,								