

---

## 1\*8 ABS Type Fiber Optic PLC Splitter

1x8 Planar Light wave Circuit (PLC) Splitters are based on high reliability technology that surpasses Telcordia requirements and is tailored for different applications and markets.

It is based on the Plasma Chemical Vapor Deposition (P-CVD) technology and its patented fabrication process for providing stable optical characteristics.



### Features

- Low insertion loss
- High maximum power tolerance
- Excellent splitting uniformity
- Broadband Operating wavelength
- Compact design
- Low polarization dependent

Environmental Conditions		
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-40 ~ +85
Operating Humidity	%RH	≤93
Storage Humidity	%RH	≤93

Type		1x2	1x4	1x8	1x16	1x32	1x64
Operating wavelength (nm)		1260-1650					
Insertion loss (dB)	Typical	3.6	7.1	10.2	13.5	16.5	20.2
	Maximum	4	7.3	10.5	13.7	16.9	20.8
Uniformity (dB)	Typical	0.4	0.5	0.6	1	1	2
	Maximum	0.6	0.6	0.8	1.2	1.5	2.5
Polarization Dependent Loss (dB)	Typical	0.1	0.1	0.15	0.2	0.2	0.2
	Maximum	0.15	0.15	0.25	0.3	0.3	0.3
Wavelength dependent loss (dB)	Typical	0.1	0.1	0.15	0.3	0.3	0.3
	Maximum	0.2	0.3	0.3	0.5	0.5	0.5
Return loss (dB)	Minimum	55/50					
Directivity (dB)	Minimum	55					
Operating temperature (°C)		-20 to 85					
Storage temperature (°C)		-40 to 85					
Optical fiber type		SMF-28 Or customer required					
Steel tube Size(mm)		60*7*4	60*7*4	60*7*4	60*12*4	80*20*6	100*40*6
Optical fiber length (m)		1M or customize					