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## 1\*8 SC APC Mini ABS PLC Splitter

1x8 Planar Light wave Circuit (PLC) Splitters are based on silicon and 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 independent

### Specification

Note: Specifications without fiber connectors. Value of parameters shows at room temperature. Custom specification is also available.

**1×N PLC Splitter**

Parameter		Unit	Value								
Product Type			1×2	1×3	1×4	1×6	1×8	1×12	1×24	1×32	1×64
Operation Wavelength		nm	1260 ~ 1650								
Insertion Loss	Typ.	dB	3.6	6	7	9.2	10.3	12.2	15.8	16.6	20.1
	Max.		4.3	6.2	7.4	9.5	10.7	12.5	16	17.2	21.5
Uniformity (Max.)		dB	0.5	0.6	0.8	0.8	0.8	1.2	1.5	1.5	2
PDL(Max.)		dB	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5
TDL(Max.)		dB	0.5								
Return Loss		dB	≥55/50								
Directivity		dB	≥55								

Note: All the data above does not include connectors.

UPC Connectors: IL add 0.2 dB, APC Connectors: IL add 0.3 dB.

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