

## 1\*2 SC APC LGX Module PLC Fiber Optical Splitters

1\*2 SC APC LGX Module PLC Fiber Optical Splitters are based functions and high reliability that surpass Telcordia requirements and is tailored for different applications and markets.

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



### 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.



### 1×2 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

Packaging Information								
LGX Box	1G/2G/3G/4G							
Product Type	1×12	1×16	2×16	1×24	1×32	2×32	1×64	2×64
LGX Box	1G/2G/3G/4G							

Ordering information						
PLC	Port	Input Pigtail Style	Input Connector	Output Pigtail Style	Fiber Length	Output Connector
	0102=1x2	0=bare fiber	0=none	0=bare fiber	0=0.5m	0=none



0104=1x4	1=900um	1=SC/PC	1=900um	1=1m	1=SC/PC
0108=1x8	Loose tube	2=SC/APC	Loose tube	2=1.5m	2=SC/APC
0116=1x16	2=900umJacket	3=FC/PC	2=900um	3=2m	3=FC/PC
0132=1x32	3=2.0mmcable	4=FC/APC	Jacket	4=3m	4=FC/APC
0164=1x64	4=3.0mmcable	5=ST	3=2.0mmcable	5=4m	5=ST/PC
0204=2x4		7=LC/APC			7=LC/APC
0208=2x8		8=E2000			8=E2000
0216=2x16		S=Special			S=Special
0232=2x32					
0264=2x64					