
1*16 SC APC LGX Type PLC Splitter

1x16 Planar Light wave Circuit (PLC) Splitters are based on fusions 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×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 |

| Packaging Information | | | | | | | | | |
|-----------------------|-------------|-----|-----|-----|-----|-----|------|------|-----|
| Product Type | 1×2 | 2×2 | 1×3 | 1×4 | 2×4 | 1×6 | 1×8 | 1×8 | 2×8 |
| | | | | | | | -127 | -250 | |
| LGX Box | 1G/2G/3G/4G | | | | | | | | |