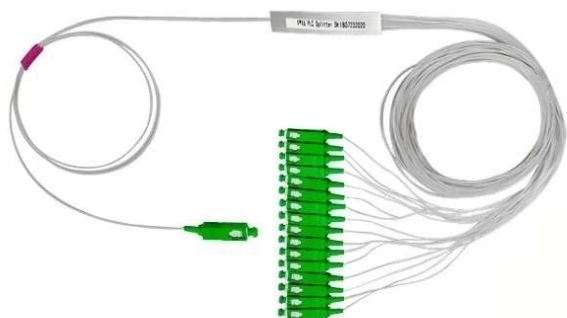# Splitter Òptico Balanceado



Dispositivo de divisão da potência óptica, o splitter óptico pode ser fornecido conectorizado SC-APC ou SC-UPC nas fibras de entrada e saída, somente na entrada, somente nas saídas ou sem nenhuma conectorização.

Os Splitters podem ser balanceados quando a potência é dividida  igualmente entre todas as saídas ou desbalanceados quando as saídas podem ter percentuais diferentes de potência.

**Disponível nos modelos:**
Com uma entrada 1×2, 1×4, 1×8, 1×16×32 ou 1X64.
Com duas entradas 2×2, 2×4, 2×8, 2×16, 2×32 ou 2X64.

**Medidas da embalagem (cm):** • Largura: 27,5  • Altura: 20 • Comprimento: 3
**Peso:** 85 gramas

## 1×N PLC Splitter

| Parameters | | 1x2 | 1x4 | 1x8 | 1x16 | 1x32 | 1x64 |
|---|---|---|---|---|---|---|---|
| Operating Wavelength(nm) | | 1260~1650 | | | | | |
| Insertion Loss (dB) | Typical | 3.6 | 6.8 | 10.0 | 13.1 | 16.2 | 20.0 |
| | Max(P/S) | 3.8/4.0 | 7.2/7.4 | 10.5/10.7 | 13.6/13.7 | 16.5/16.8 | 20.5/21.0 |
| Uniformity (dB) | Typical | 0.3 | 0.4 | 0.5 | 0.6 | 0.8 | 1.2 |
| | Max | 0.6 | 0.8 | 1.0 | 1.2 | 1.5 | 2.0 |
| PDL (dB) | Typical | 0.1 | 0.1 | 0.15 | 0.15 | 0.15 | 0.2 |
| | Max | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 |
| Return Loss (dB) | Min | 55 | | | | | |
| Directivity (dB) | Min | 55 | | | | | |
| Fiber Length (m) | | 1 (+/-0.05) or customer specified | | | | | |
| Fiber Type | | ITU-T G657A1 or customer specified | | | | | |
| WDL (dB) | Typical | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 |
| | Max | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 0.5 |
| TDL (dB) | Typical | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 |
| (-40~85℃) | Max | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 |
| Operating Temperature (℃) | | -40~85 | | | | | |
| Storage Temperature (℃) | | -40~85 | | | | | |
| Packaging Size (mm) | Bare Splitter | 40x4x4 | | | 50x7x4 | | 60x12x4 |
| | Mini Module | 60x7x4 | | | 60x12x4 | 80x20x6 | 100x40x6 |
| | Cassette Type | 100x80x10 | | | 120x80x18 | | |

## 2×N PLC Splitter

| Parameters | | 2x2 | 2x4 | 2x8 | 2x16 | 2x32 | 2x64 |
|---|---|---|---|---|---|---|---|
| Operating Wavelength(nm) | | 1260~1650 | | | | | |
| Insertion Loss (dB) | Typical | 3.7 | 7.0 | 10.8 | 13.6 | 16.8 | 20.5 |
| | Max(P/S) | 3.9/4.2 | 7.5/7.8 | 11.2/11.5 | 14.2/14.5 | 17.4/17.7 | 21.0/21.5 |
| Uniformity (dB) | Typical | 0.5 | 1.0 | 1.0 | 1.2 | 1.5 | 2.2 |
| | Max | 0.6 | 1.2 | 1.5 | 1.8 | 2.0 | 2.7 |
| PDL (dB) | Typical | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.3 |
| | Max | 0.2 | 0.2 | 0.4 | 0.4 | 0.4 | 0.4 |
| Return Loss (dB) | Min | 55 | | | | | |
| Directivity (dB) | Min | 55 | | | | | |
| Fiber Length (m) | | 1 (+/-0.05) or customer specified | | | | | |
| Fiber Type | | ITU-T G657A1 or customer specified | | | | | |
| WDL (dB) | Typical | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.5 |
| | Max | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 0.6 |
| TDL (dB) | Typical | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 |
| (-40~85℃) | Max | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 |
| Operating Temperature (℃) | | -40~85 | | | | | |
| Storage Temperature (℃) | | -40~85 | | | | | |
| Packaging Size (mm) | Bare Splitter | 50x7x4 | | | 60x7x4 | | 70x12x4 |
| | Mini Module | 60x7x4 | | 80x12x5 | | 100x20x6 | 100x40x6 |
| | Cassette Type | 100x80x10 | | | 120x80x18 | | |

Note: All the data above does not include the loss of connectors. The insertion loss of each connector is less than 0.2dB.