FIBER OPTIC PRODUCT
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# PLC Splitter Outdoor

## Model No. SC-008



### Application

Duct Mounting , Aerial Mounting , Underground , Wall Mounting

### Features

- Installation and reentry with a minimum of tools

- Easy to be opened or closed

- Re-enterable and reusable

- All Hardware are captive

- Cable for loading 1:4 , 1:8 PLC Splitter

- Capable for max. 8 pcs SC adaptors

### Specification

| Model No | Size(mm) LXWXH | Spliced fiber storage capacity | Cable ports | Max. diameter of cable(mm) | Adaptors |
|---|---|---|---|---|---|
| SC-008 | 325x173x86 | Standard fiber 48splices | 8 ports for main cable, 8 ports for drop cable | 8 main cable port: each for 1 cable with max 13 mm<br>8 drop cable ports: each for diameter 3mm or 3x2mm drop cables | Max. 8 SC adaptor |

## Planar Lightwave Circuit Splitter

| Port Configuration | 1x4 | 2x4 | 1x8 | 2x8 | 1x16 | 2x16 | 1x32 | 2x32 | 1x64 |
|---|---|---|---|---|---|---|---|---|---|
| Operating wavelength (nm) | 1260 ~ 1650 | | | | | | | | |
| Fiber Type | SMF-28e  OR  SMF-G657A | | | | | | | | |
| Insertion loss (dB) | ≤ 7.20 | ≤ 7.4 | ≤ 10.5 | ≤ 11.2 | ≤ 13.6 | ≤ 14.6 | ≤ 17.0 | ≤ 17.5 | ≤ 21 |
| Loss Uniformity (dB) | ≤ 0.6 | ≤ 1.2 | ≤ 0.8 | ≤ 1.58 | ≤ 1.0 | ≤ 2.0 | ≤ 1.3 | ≤ 2.5 | ≤ 2.5 |
| PDL (dB) | < 0.2 | | | | | | | | |
| Directivity (dB) | > 55 | | | | | | | | |
| Return loss (dB) | > 55 | | | | | | | | |
| Operating temperature (°c ) | -40 to +85 | | | | | | | | |
| Storage temperature (°c ) | -40 to +85 | | | | | | | | |
| Packaging Size (L x W x H) (mm.) | 40x4.0x4.0 | 50x4.5x4.0 | 45x4.5x4.0 | 50x4.5x4.0 | 45x4.5x4.0 | 60x7.0x4.0 | 50x7.0x4.0 | 60x7.0x4.0 | 60x15x4.0 |

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