

LYNX

Passive Fiber

O SP 5814 M

fiber

SERIES 5000

CardModules

1 > 4 Optical Splitter (30%-30%-30%-10%)

Description

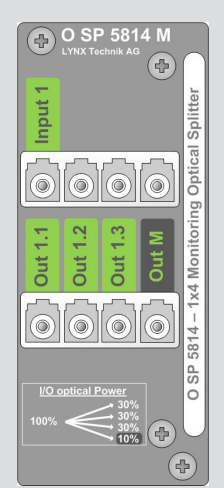
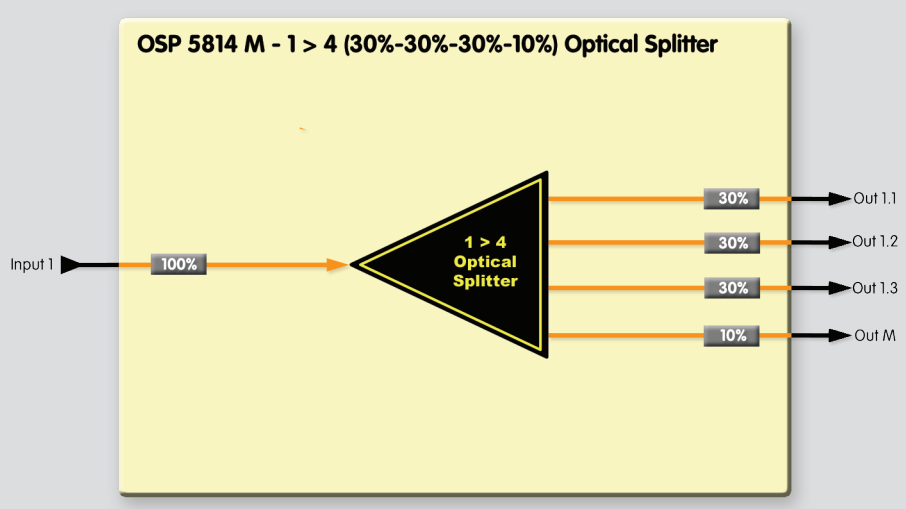
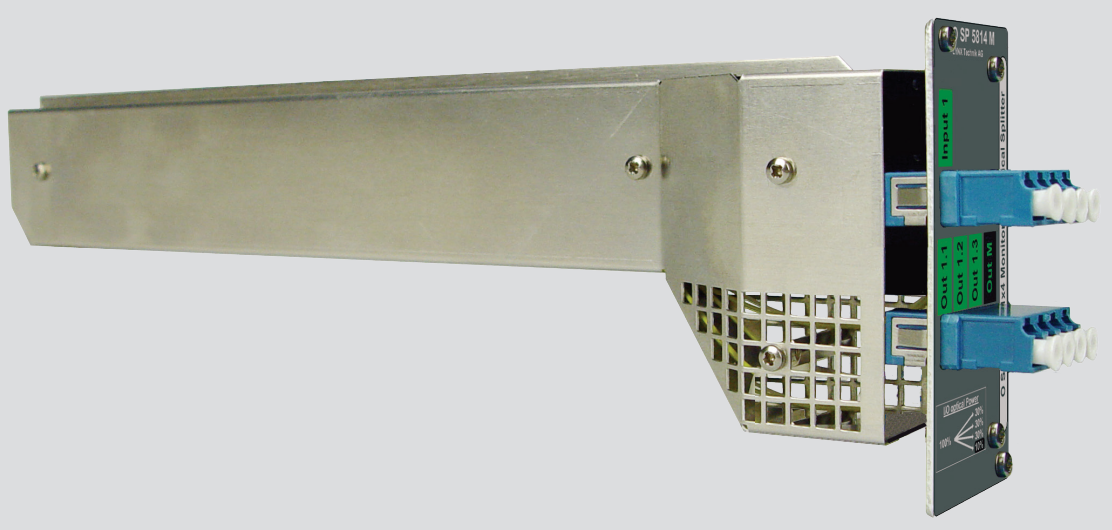
The OSP 5814 M is a 1 > 4 optical splitter / combiner. The optical input is split into 4 outputs, three outputs one having 30% of the input power, and one with 10% which is useful for monitoring applications.

The module is passive in operation, meaning it requires no power, and is mechanically compatible with all Series 5000 rack frames and installs from the rear of the rack.

Features

- Precision 1>4 optical splitter
- 30% / 30% / 30% / 10% split ratio
- LC - PC connections (singlemode)
- Compatible with all Series 5000 rack frames (2RU and 1RU)
- Occupies one card slot

FIBER O SP 5814 M



Backplane

1 > 4 Optical Splitter

Specifications

| Optical I/O | |
|----------------------------------|--|
| Input | 1 |
| Outputs | 4 |
| Connector type | LC - PC (singlemode) |
| Operating Wavelengths | 1260nm - 1650nm |
| Performance | |
| Insertion loss (incl. connector) | 7.6 dB |
| Split ratio % | 30/30/30/10 |
| Polarization dependant loss | max 0.3dB |
| Return Loss | > 55dB |
| Directivity | > 55dB |
| Max input power | 500mw |
| Mechanical | |
| Size | 85mm x 286mm (not incl. connectors) |
| Weight | 150 g |
| Ambient | |
| Temperature | -20°C to 85°C Maintaining specifications |
| Humidity | 90% Max non condensing |

Specifications subject to change

Ordering Information

| Model # | Part Number | Description | Includes |
|-------------|-------------|--|---|
| O SP 5814 M | 1000025814 | 1>4 Optical Splitter (30%-30%-30%-10%) | CardModule + Mounting Screws + Reference Manual (on CD) |