

1 > 2 Optical Splitter (90%-10%)

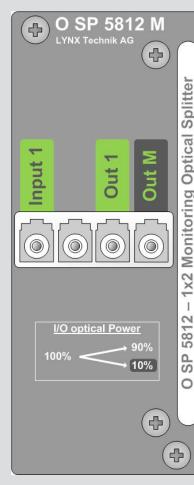
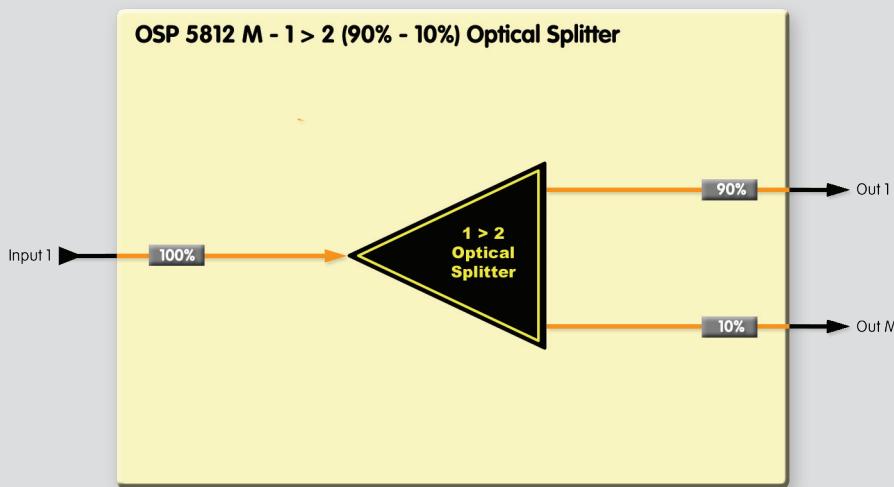
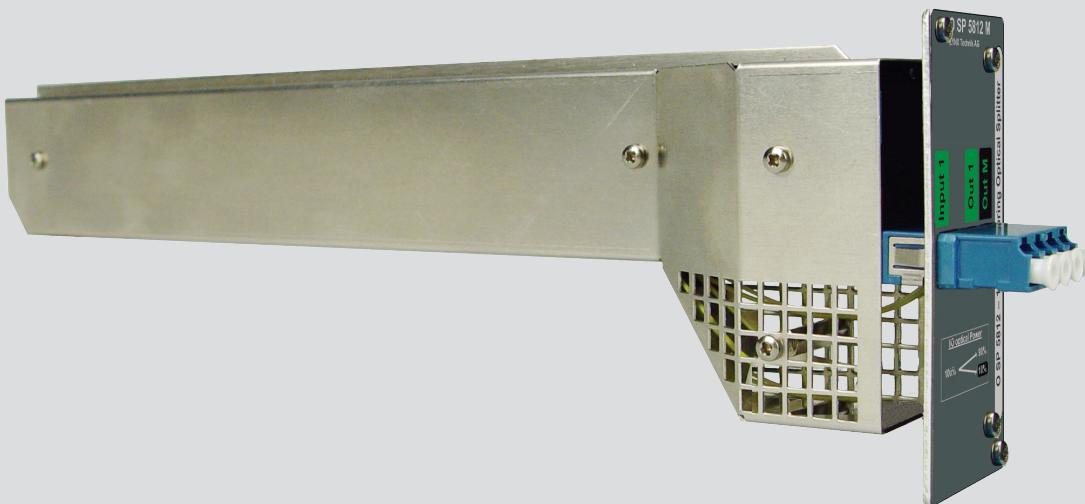
Description

The OSP 5812 M is a 1 > 2 optical splitter / combiner. The optical input is split into 2 outputs, one with 90% and the other 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 (2RU and 1RU) and installs from the rear of the rack.

Features

- Precision 1>2 optical splitter
- 90% / 10% split ratio
- LC - PC connections (singlemode)
- Compatible with all Series 5000 rack frames (2RU and 1RU)
- Occupies one card slot



Backplane

Specifications

| Optical I/O | |
|----------------------------------|--|
| Input | 1 |
| Outputs | 2 |
| Connector type | LC - PC (singlemode) |
| Operating Wavelengths | 1260nm - 1650nm |
| Performance | |
| Insertion loss (incl. connector) | 4.0 dB |
| Split ratio % | 90/10 |
| 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 5812 M | 1000025812 | 1>2 Optical Splitter (90%-10%) | CardModule + Mounting Screws + Reference Manual (on CD) |