

# RG-SPL2016/2032 Series e-Lighten Optical Splitter

DATASHEET

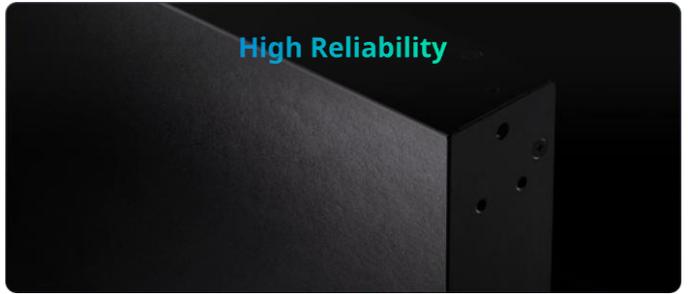
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## Highlights

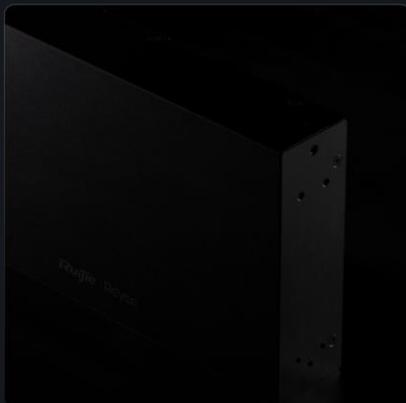
- Rack-Mounted as a Standalone or Combined Unit
- Wall-Mounted in a Waterproof Enclosure
- Durable Iron Casing, High Reliability
- Plug and Play
- Passive Aggregation

# Highlight Features



## Compact Design, Flexible Installation

Robust Metal Enclosure, Versatile Mounting Options



Durable Iron Casing,  
High Reliability



Rack-Mounted as a  
Standalone or Combined Unit



Wall-Mounted

## / Highlight Features

No Power Needed, Direct Fiber Connection, Plug and Play

Easy installation, saving space by 30%

Easy installation, saving space by 30%



# Specifications

| Model                                      | RG-SPL2016-SC  | RG-SPL2032-SC  |
|--|--|--|
| <b>Operating Wavelength</b>                | 1260 nm to 1650nm  | 1260 nm to 1650nm  |
| <b>Weight</b>                              | 0.88 kg (1.94 lbs.)                                      | 0.98kg (2.16 lbs.)                                       |
| <b>Operating Temperature</b>               | -40°C to +85°C (-40°F to +185°F)                         | -40°C to +85°C (-40°F to +185°F)                         |
| <b>Dimensions (W x D x H)</b>              | 220 mm x 130 mm x 42 mm (8.66 in. x 5.12 in. x 1.65 in.) | 220 mm x 130 mm x 42 mm (8.66 in. x 5.12 in. x 1.65 in.) |
| <b>Temperature-Dependent Loss (dB)</b>     | $\leq 0.3$   | $\leq 0.3$   |
| <b>Wavelength-Dependent Loss (dB)</b>      | 0.4 (1310 + 40)<br>0.4 (1550 + 40)                       | 0.4 (1310 + 40)<br>0.4 (1550 + 40)                       |
| <b>Insertion Loss (dB)</b>                 | $\leq 14.4$  | $\leq 17.7$  |
| <b>Port Insertion Loss Uniformity (dB)</b> | $\leq 1.0$   | $\leq 1.5$   |
| <b>Return Loss (dB)</b>                    | $\geq 50$  | $\geq 50$  |
| <b>Polarization-Dependent Loss (dB)</b>    | $\leq 0.3$   | $\leq 0.3$   |
| <b>Maximum Input Power (mW)</b>            | 500  | 500  |

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