

# RFoG OPTICAL RECEIVER [RORxL-x]

Fiber Products, Receivers

# TaiTin

## Features

- 19" 1RU Rack Mount
- Supports 256 RFoG Mini Nodes Per Port
- 1200~1620 nm Band Wavelength
- Supports Burst Mode or CW Operation
- Adjustable RF Output Level
- Built-in Backup Power, Redundant A/B Inputs
- Excellent Port to Port Ratio
- 4 or 8 Low Noise Optical Receivers; up to -32 dBm Receive Sensitivity
- Compatible with any Technology of FTTx PON; EPON/GEPON, GPON, BPON, DPON



## Ordering Information

ROR [x] L- [x]

SA for SC/APC adapter or LA for LC/APC adapter

4 or 8 Optical Receivers

## Optical Features

Output Wavelength	1200 ~ 1620 nm
Responsivity	1310: 0.85 A/W 1550: 0.90 A/W 1610: 0.80 A/W
Optical Link Budget Loss	29 dB
Receiving Power	-29 to -13 dB
Return Loss	50 dB
Optical connector	Std: SC/APC or Option: LC/APC

## RF Features

RF Bandwidth	5 ~ 200 MHz (or 5 ~ 100 MHz)
RF Output Level	30 ~ 60 dBmV
RF Gain Adjustable	-30 - 0 dB
Flatness	-0.75 ~ 0.75 dB
Return Loss	16 dB
RF Test Point/Monitor	-20 dB
Power Supply	90 ~ 265 V AC, -30 ~ -72 V DC
Power Consumption	12 W

## General Features

Operating Temp.	-40 °C to 65 °C (-40 °F to 149 °F)
Relative Humidity	5 ~ 95 %
Size (W)x(D)x(H)	483 x 305 x 44 mm (19 x 12 x 1.75 in.)