



# FODII-RPR Return Path Receiver



## Application Features

- 5 to 200MHz transmission bandwidth
- High RF output eliminates external amplifiers
- Front panel RF test-point for convenient monitoring
- High density 4 receivers in one module
- Redundant version integrates optical path and RF switching in the same module
- Universal management through SNMP

## Optical Specifications

Photodiode type	InGaAs PIN
Optical wavelength	1260 ~ 1620nm
Optical power input range	+3 to -1 dBm
Equivalent input noise	8.5 pA / Hz 0.5

## RF Specifications

Operating bandwidth	5 ~ 200MHz
Flatness	±0.75dB
RF output impedance	75Ω / unbalanced
RF output level range	40dBmV (OMI=7%) / with -9dBm optical input
RF output return loss	≥ 16dB
Gain control range	0 ~ -31.5dB in 0.5dB steps
Slope	±1.0dB
Test point	-20 ± 0.75 dB/ reference to the RF input level

## Link Performance

NPR/Dynamic rang(link)	41/15 dB
Port to port isolation	≥ 16dB

## General Specifications

Supply voltage	+24 VDC
Supply current	1.5A (warning ) at room temp.
Power consumption	36 W
Operating temperature	0 to 50°C
Storage temperature	-40 to 70°C
Relative humidity	85% ( Max )
Dimension	30.5W x 442.2D x 130H mm

## Ordering Information

FODII-RPR-



### Connector

SC: SC/APC with shutter

FC: FC/APC