



rRCVR-4 | 4 Channel Return Path Receiver



The QAMnet rRCVR-4 series of 4 channel return path receivers are cost-effective for use in HFC, FTTH and deep fiber applications. The rRCVR-4 uses four separate PIN diode and receiver circuits, each provide operational bandwidth of 200 MHz.

Containing 4 independent channel of receiver circuits in one mainframe, the rRCVR-4 has a standard RF output level of 30 dBmV from each output port.

Features

- Reliable PIN diode and linear receiver circuit
- 4 channel of return path receivers in one mainframe
- Automatic Gain Control (AGC) for optimal adjustment optical input level
- LED front panel status indicators
- 5 - 200 MHz receiving bandwidth
- Compact 1U housing

Ordering Information

- rRCVR-4



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Phoenix, AZ 85018

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Technical Specifications

Receiver Wavelength Range	1200 nm - 1600 nm
Input Optical Power Level	0 dBm to -22 dBm
RF Output Power Level	20 dBmV Typical @ -10 dBm
Typical Input Power Level	-10 dBm
Number of Inputs	4
Number of Outputs	4
Output Attenuation Range	0 - 20 dB (manual adjustment)
Optical Return Loss	50 dB Minimum
Frequency Range	5 MHz to 200 MHz
Flatness in Frequency Range	±0.75 dB
Output Impedance	75 Ω
Output RF Return Loss	16 dB Minimum

Environment / Mechanical Specifications

Temperature Range	0°C to +50°C (operation) -40°C to +70°C (storage)
Power Supply	80 – 240 V, 43 – 63 Hz AC 40 - 58 VDC (optional)
Power Consumption	40 W Maximum
Housing Dimensions	1U Rack: 19"(W) x 14"(D) x 1.75"(H)
Control / Monitoring	Housing Temperature
Display	LED Optical Input Indicators
Optical Connectors	SC/APC or Customer Specified



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