



## Product Description

The Multicom MUL-HRPR-4A Optical Return Path Receiver is ideally suited for use in HFC and FTTH and many other fiber optic-based data, video, and voice networks, including Broadband Stimulus and FCC National Broadband projects and applications, and provides a cost effective solution.

The MUL-HRPR-4A's state-of-the-art features include an industry-leading 4 port, typical 40-50dBmV individually adjustable RF outputs, 5 – 200MHz return bandwidth, wide optical input range down to -10dBm – all in a temperature-controlled, 1 RU rack-mount chassis.

### Technical Specifications Specifications Values Notes

#### General

Operating temp. (°C) 0 - 50 32 - 122°F Storage temp. (°C) -40 - 85 Operating relative humidity (%) 5 - 95 Non-condensing Power Supply - 9 Volt AC 110 - 265 Power Consumption (W) 48 4 receivers  
Size (inches - WxDxH) 19 x 12 x 1.75 Interface port RS232

#### Optical

Wavelength (nm) 1200 - 1620 Responsivity (A/W) 0.85 At 1310nm Input power level (dBm) -10 - +1 Return loss (dB) 50 Output fiber connector SC/APC

#### RF

RF Bandwidth (MHz) 5 - 200 RF output level (dBmV) 40 - 50 RF gain adjustment range (dB) -30 - 0 1 dB steps Flatness (dB) -0.75 - +0.75 Return loss (dB) 16 75 impedance RF connector (Main input) F type NPR (dB) 41 DFB LD with 15dB link loss MUL-HRPR-4A

