



# Headend Return Path Receiver

## PRODUCT SPECIFICATIONS

### DESCRIPTION:

The MUL-HRPR-4 Return Path Receiver is used to receive upstream optical signals and to transport a return signal to the optical distribution hub or headend.



The MUL-HRPR-4 receiver module is designed to transform an optical signal from the node to an electrical RF signal for processing at a hub or headend location. Each receiver can accept audio, video or any combination of these signals.

The chassis supports up to four optical receiver modules in a 1Uhigh, 19" rack mount enclosure. The chassis can be powered with 90-265VAC. The chassis is equipped with several status LEDs and test points to facilitate troubleshooting and maintenance. Each module has a status LED indicator.

There is also an RF test point and optical photocurrent test points for each receiver on the front of the chassis. The unit's RF output level can be manually adjusted through the use of an adjustable attenuator located on the front panel.

MUL-HRPR-4		
<b>Optical:</b>		
Optical Wavelength	1290nm to 1600nm	
Optical Input Range	-15dBm to 0dBm	
Fiber Connector	SC/APC, FC/APC	
<b>RF:</b>		
Output Level	>40dBmV/Ch	
Bandwidth	5-200MHz	
RF Impedance	75Ω	
Flatness	+1dB	
Distortions	30ch (5-200MHz) 0dBm-15dBm CNR -52dB -43dB CSO -68dB -62dB CTB -75dB -61dB X-MOD -74dB -66dB	1ch (5-40MHz) -15dBm -49dB - - -
Manual Attenuation	Range 20dB	
Output Return Loss	>16dB	
Test Points	-20dB	
<b>General:</b>		
Power	90-265VAC (50/60Hz)	
RF Connector	F	
Dimensions (LxWxH)	19" x 15.16" x 1.73"	
Weight	7 lbs	
Operating Temperature	0°C to +40°C	

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