



RPR-2

Return Path Receiver



User Manual



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NOTE TO FIBER OPTIC SYSTEM INSTALLER

This reminder is provided to call the CATV System Installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.



**INVISIBLE LASER RADIATION! AVOID EYE INJURY!
NEVER LOOK INTO THE OPTICAL CONNECTOR!**

PRECAUTIONS	REQUIREMENT
Facilitate service and maintenance	Allow a minimum of 35 in. (90 cm) clearance in front of the equipment rack(s).
Avoid direct heating or air conditioning	If unavoidable, use deflector plates.
AC Power source outlets	Locate equipment near sufficient outlets to provide power for test equipment and power tools.
Rack support	Make certain rack supports are sufficiently rigid to support rack(s).
Building leakage	Beware of dripping water onto equipment from leaky roofs, waveguide roof entries, and cold water pipe condensations.

Specifications

Parameter	Specification
OPTICAL	
Input wavelength	1100 to 1650 nm
Input level	-14 to +3 dBm
Input AGC Range	-6 to 0 dBm
Input connector	SC/APC
Input Return Loss	≥45 dB
AGC Control	On or Off
RF	
Bandwidth	5 to 300 MHz
Flatness	± 1.0 dB
Maximum Output Level	50 dBmV
Attenuation Range	0 to 40 dB
Return Loss	≤ 18 dB (@ 40 MHz)
Test Point	-20 dB
Mechanical	
Power	12 VDC
Load	4.5 Watts
RF Connectors	F Female
Firmware update	USB
Operating Temperature	22 to 120°F (-5 to +50°C)
Dimensions	5.2 x 1.57 x 3.9" (132 x 41 x 100 mm)
Weight	0.9# (408 Grams)
Options	
Triple 1 RU Rackmount	OTLL RMKit-1
Single wall mount	RPR-WMB