



# Category HeadEnd

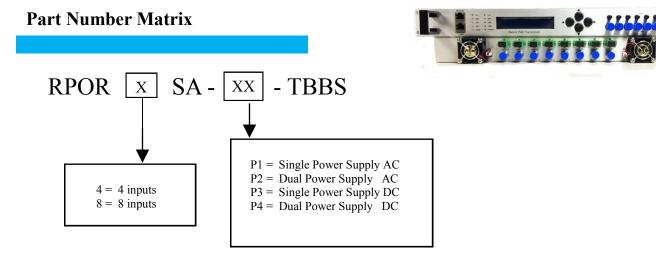


#### **RPORXSA-XX**

## **1 RU Optical Return Receiver**

Our **RPORXSA-XX** is a professional CATV Optical Return Receiver used to receive upstream optical signals from the Optical Distribution Nodes (ODN) located throughout the outside plant. Each Receiver accepts from four to eight optical inputs from the upstream path (Return Path), converts the optical to electrical RF signals for distribution to various equipment in the CATV headend. With ultra low input sensitivity (-22dBm), dual fans, an optional redundant power supplies and a LED display showing optical input levels of each port, this unit is ready for the most demanding CATV headend. NEW with 1 year warranty and technical support from Thomason Broadband Supply.

QR PDF link



#### Features

- Receives 4 or 8 Optical Returns
- Low Distortion, High Sensitivity
- Stable Operations in Variable Environments
- AC or DC Powering Options
- Redundant Power Supplies Available
- Dual Cooling Fans
- Variable RF Outputs
- 1RU Chassis
- LED Status Display (8 input unit only)



# Category HeadEnd



#### **RPORXSA-XX**

## **1 RU Optical Return Receiver**

#### **Specifications**

Optical	Operational Wavelength Optical Link Loss Budget Optical Input Range Optical Connector Optical Receivers per unit	1200nm to 1620nm 17dB min –17dBm / max 0dBm SC/APC 4 or 8 (model dependent)
-	Operational bandwidth RF Output level (per receiver) RF output Adjustment Bandwidth Flatness Bandwidth Return Loss RF Test Port (each receiver) Power to Noise Ratio	5MHz to 200MHz min 30dBmV / max 60dBmV 30dB +/75dB > -16dB -20dB min 37dB for FP with >15dB Link min 41dB for DFB with >15dB linl
- Powering	AC (50/60Hz) DC Power Consumption	min 90VAC max 265 VAC min –30VDC max –72VDC 96W
Operation	Operating Temp	min -4C (25F) to max 50 C (122F)
- Size	(L) x (W) x (H)	12" (305mm)x 19" (483mm) x 1.75"(44mm)