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# CTA-35/1000PR

## 1,000 MHz, 35 dB Gain Amplifier With Passive Return

### Features:

- 35 dB Forward gain
- 54-1,000 MHz Forward bandwidth
- 5-42 MHz Reverse bandwidth
- Passive return path
- Forward gain & slope control
- 16 dB Forward gain control range

### Contents Include:

- 1 CTA-35/1000PR Amplifier
- 1 User's manual



### Description:

The CTA-35/1000PR is a commercial quality amplifier with 35 dB of forward gain across a bandwidth of 54 - 1,000 MHz. This amplifier was designed for the indoor amplification of CATV signals as well as UHF/VHF signals. The output of the CTA-35/1000PR is easily adjusted using the front panel gain control with 16 dB of gain control range. With input and output test ports, the CTA-35/1000PR can easily be adjusted to maximize performance without disrupting service.

### Specifications:

<b>Frequency Range</b>	
<b>Forward:</b>	54-1,000 MHz
<b>Reverse:</b>	5-42 MHz
<b>Forward Path</b>	
<b>Gain:</b>	35 dB @ 54-550 MHz 34 dB @ 551-1,000 MHz
<b>Flatness:</b>	+/- 1.0 dB @ 54-870 MHz
<b>Gain Control Range:</b>	16 dB
<b>Tilt Control Range:</b>	15 dB
<b>Noise Figure:</b>	6 dB @ 54-1,000 MHz
<b>Return Loss:</b>	-10 dB Input -10 dB Output
<b>Composite Triple Beat:</b>	-60 dBc
<b>Composite Second Order:</b>	-60 dBc
<b>Input Test Point:</b>	-20 dB +/-3dB
<b>Output Test Point</b>	-20 dB +/-3dB
<b>Return Path</b>	
<b>Gain:</b>	-2.5 dB
<b>Flatness:</b>	+/- 1.0 dB
<b>Noise Figure:</b>	6 dB
<b>Return Loss::</b>	-10 dB Input/Output
<b>Power Requirement:</b>	117VAC / 60Hz
<b>Operating Temperature:</b>	-10° to 55°C
<b>Connectors:</b>	F Type female (all ports)
<b>Impedance:</b>	75 Ohms
<b>Dimensions:</b>	8.86"L x 5.32"W x 2.05"H (225 x 135 x 52mm)
<b>Weight:</b>	3.02 lbs. (1.37 kg)

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