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with compelling value

CTA-30/870AR

870 MHz, 30 dB Gain Amplifier With Active Return

Features:

- 30 dB Forward gain
- 54-870 MHz Forward bandwidth
- 20 dB Reverse gain
- 5-42 MHz Reverse bandwidth
- Forward gain & slope control
- Reverse gain control
- 10 dB Forward gain control range

Contents Include:

- 1 CTA-30/870AR Amplifier
- 1 Power supply
- 1 User's manual



Description:

The CTA-30/870AR is a commercial quality amplifier with 30 dB of forward gain across a bandwidth of 54 - 870 MHz. This amplifier was designed for the indoor amplification of CATV signals as well as UHF/VHF signals. The output of the CTA-30/870AR is easily adjusted using the front panel gain control with 10 dB of gain control range. With separate gain controls for forward and reverse levels, the CTA-30/870AR can easily be adjusted to maximize performance.

Specifications:

Frequency Range

Forward: 54-870 MHz

Reverse: 5-42 MHz

Forward Path

Gain: 31 dB

Flatness: +/- 1.0 dB @ 54-870 MHz

Gain Control Range: 10 dB

Tilt Control Range: 10 dB

Noise Figure: 6 dB @ 54-550 MHz

4 dB @ 551-870 MHz

Return Loss: -14 dB @ 54-550 MHz

-12 dB @ 551-870 MHz

Return Path

Gain: 20 dB

Flatness: +/- 0.5 dB

Gain Control Range: 10 dB

Return Loss::: -15 dB @ 5-42 MHz

Power Requirement

Input: 117VAC / 60Hz

Output: 24 VDC / 1A

Connectors:

F Type female (all ports)

Impedance:

75 Ohms

Dimensions:

8.86"L x 5.32"W x 2.05"H (225 x 135 x 52mm)

Weight:

3.02 lbs. (1.37 kg)

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