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CTA-30A 1,000 MHz, 30 dB Gain Amplifier With Passive Return

Features:

- 30 dB Forward gain
- 54-1,000 MHz Forward bandwidth
- 5-42 MHz Passive return path
- 10 dB Forward gain control range
- Built in FM trap switch



Description:

The CTA-30A amplifier was designed for light commercial and residential applications with 30 dB of forward gain across a bandwidth of 54 - 1,000 MHz and a passive return path from 5 to 42 MHz. This amplifier was designed for the indoor amplification of CATV signals as well as UHF/VHF signals. The output of the CTA-30A is easily adjusted using the front panel gain control with 10 dB of gain control range. This unit also features a switchable FM trap to block or pass FM signals in the 95-108 MHz range.

Specifications:

Frequency Range

Forward: 54-1,000 MHz
Reverse: 5-42 MHz

Forward Path

Gain: 30 dB @ 54-1000 Mhz
Gain Control Range: 10 dB
Maximum Output: 40 dBmV
Noise Figure: <5 dB @ 54-1,000 MHz
Return Loss: >8 dB

Return Path

Insertion Loss: 2.0 dB
Noise Figure: <5 dB
Return Loss: >8 dB

FM Trap (Switchable)

Frequency Range: 95 - 108 MHz
Attenuation: >20 dB

Power Requirement:

Connectors: F Type female (all ports)
Impedance: 75 Ohms
Dimensions: 6.75"W x 3.125"D x 2.25"H
Weight: 1.10 lbs.

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