



## CA-50/550 550MHz High-Gain Distribution Amplifier

- 54-550MHz frequency range (CATV 2~PPP)
- 50dB gain designed for low input applications to provide optimum carrier to noise performance
- $\pm 0.75$ dB flatness per 100MHz provides low distortion and excellent frequency response
- Employs state-of-the-art hybrid push-pull technology for distortion-free audio-video quality
- Adjustable slope and gain controls for easy system balancing
- Easy-access controls and low-loss (-20dB) test point enable simplified setup and performance monitoring
- Built-in lightning and line voltage surge protection protects the unit from damage

Total # of Channels	Input Level	Output Level
6	11dBmV	61dBmV
12	8dBmV	58dBmV
24	5dBmV	55dBmV
36	3dBmV	53dBmV
48	2dBmV	52dBmV
78	-1dBmV	49dBmV

### Specifications

<b>Bandwidth</b>	54~550MHz	<b>Input Test Point Loss</b>	20dB
<b>Gain (FWD) 54~550 MHz</b>	50dB	<b>Output Test Point Loss</b>	20dB
<b>Maximum Output (78 channels)</b>	49dBmV	<b>Power Input</b>	115VAC
<b>Flatness</b>	0.5dB	<b>Power Frequency</b>	60Hz
<b>Noise Figure (FWD)</b>	7dB	<b>Power Required</b>	4Watt
<b>Composite Second Order (FWD)</b>	70dB	<b>Dimensions</b>	8"(L) x 2.75"(D) x 4.5"(H)
<b>Composite Triple Beat(FWD)</b>	58dB	<b>Weight</b>	2.5 lbs.

### Ordering Information

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