



## MCM-55 300MHz VHF High-Gain Push-Pull Amplifier

- 54-300MHz frequency range (CATV 2~W)
- High 55dB gain for optimal carrier to noise ratio and superior picture quality
- $\pm 0.5$ dB flatness across band 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 (-30dB) test point enable simplified setup and performance monitoring
- Built-in lightning and line voltage surge protection protects the unit from damage
- External UL approved power adapter supplied for ease of installation and to reduce heat build-up within the unit

Total # of Channels	Input Level	Output Level
7	11dBmV	66dBmV
12	3dBmV	57dBmV
36	-4dBmV	51dBmV

### Specifications

<b>Bandwidth</b>	54~300MHz	<b>Input Test Point Loss</b>	30dB
<b>Gain (FWD) 54~300MHz</b>	55dB	<b>Output Test Point Loss</b>	30dB
<b>Maximum Output (36 channels)</b>	51dBmV	<b>Power Input</b>	28VAC
<b>Flatness</b>	0.5dB	<b>Power Frequency</b>	60Hz
<b>Noise Figure (FWD)</b>	5dB	<b>Power Required</b>	17Watt
<b>Composite Second Order (FWD)</b>	70dB	<b>Dimensions</b>	8"(L) x 4.5"(D) x 2"(H)
<b>Composite Triple Beat (FWD)</b>	61dB	<b>Weight</b>	2.8 lbs

### Ordering Information

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