



Active Distribution Components



CA-50/550
(front view)

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

Features

- 54-550MHz frequency range (CATV 2~PPP)
- 50dB gain designed for low input applications to provide optimum carrier to noise performance
- ± 0.75 dB 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 setup and performance monitoring
- Built-in lightning and line voltage surge protection protects the unit from damage

Specifications

CA-50/550

BANDWIDTH	54~550 MHz
GAIN (FWD) 54-550 MHZ	50dB
MAXIMUM OUTPUT (78 CHANNELS)	49dBmV
FLATNESS	0.5dB
NOISE FIGURE (FWD)	7dB
COMPOSITE SECOND ORDER (FWD)	70dB
COMPOSITE TRIPLE BEAT(FWD)	58dB
INPUT TEST POINT LOSS	20dB
OUTPUT TEST POINT LOSS	20dB
POWER INPUT	115VAC
POWER FREQUENCY	60Hz
POWER REQUIRED	4 Watt
DIMENSIONS	8"(L) x 2.75"(D) x 4.5"(H)
WEIGHT	2.5 lbs

Total # of CHANNELS	Input Level (dBmV)	Input Level (dBmV)
6	11	61
12	8	58
24	5	55
36	3	53
48	2	52
72	-1	49

Ordering Information

Part Number	Description
CA-50/550	550MHz High-Gain Distribution Amplifier

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ATX Networks

Tel: 289.204.7800 | Toll-Free: 866.YOUR.ATX | support@atx.com