



# Indoor Distribution Amplifier

## Key Features

- Broadband 40-860 MHz frequency range 40 dB gain for optimal carrier-to-noise ratio and superior picture quality
- +1.0 dB flatness across band provides low distortion and excellent frequency response
- Employs hybrid push-pull module design for distortion-free audio-video quality
- Built in adjustable slope and gain controls for easy system balancing
- Easy-access controls and low loss (-20dB) test point enable simplified setup and performance monitoring
- Shielded enclosure provides RFI shielding performance to reduce leakage and ingress
- Aluminum chassis provides maximum heat dissipation for improved reliability and corrosion resistance



Specification:	Value:
Bandwidth:	40-860 MHz
Forward Gain:	40dB
Maximum Output @ 135 Channel Loading:	50dBmV
Gain Adjust Range:	0-20dB
Slope Adjust Range:	0-20dB
Flatness:	+ 1dB
Noise Figure:	6dB
Connectors:	F-Type Female
CSO (Composite Second Order):	56dB
CTB (Composite Triple Beat):	56dB
Return Loss In:	<12dB
Return Loss Out:	<12dB
Test Points:	-20dB
Power Input:	110 V AC, 60 Hz, 8 W
Operating Temperature:	14° F to 122° F (-10° C to +50° C)
Dimensions:	9" x 3" x 5" (23 x 7 x 12 cm)
Weight:	2.5 Lbs. (1.1 Kg)

## Description

The MCA-40860 is a superior quality push-pull wall-mounted distribution amplifier producing signals with low-noise and harmonic distortion. The The MCA-40860 serves as an ideal distribution system amplifier for heavily loaded MDU (multi-dwelling units, i.e. apartment complexes), commercial areas, educational institutions, hotels, and broadband CATV or SMATV systems. The distribution amplifier is capable of broadband 135-channel operation over the 40-860 MHz range.

The MCA-40860 is housed in compact, aluminum chassis that provides excellent heat dissipation and allows the amplifier to be operated at high ambient temperatures with no degradation of performance or reliability.

**MCA-40860**

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