



Indoor Distribution Amplifier

Key Features

- Broadband 40-860 MHz frequency range 40 dB gain for optimal carrier-to-noise ratio and superior picture quality
- Dual output ports featuring both balanced and unbalanced capabilities
- +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 @ 134 Channel Loading:	Unbalanced Splitter (Installed)	1 Output @50dBmV 1 Output @30dBmV
	Balanced Splitter (Included in box)	2 Outputs @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 5" x 3" (23 x 12 x 7 cm)
Weight:		2.5 Lbs. (1.1 Kg)

Description

The dual output MCA-40860 is a superior quality push-pull wall-mounted distribution amplifier producing signals with low-noise and harmonic distortion. 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

www.multicominc.com

Multicom, Inc.
Ph: 800-423-2594 | 407-331-7779
Fax: 407-339-0204
Email: multicom@multicominc.com