



Multicom's Distribution Amplifier

Key Features

- 40-860 MHz frequency range
- 40dB gain
- Hybrid push-pull module design
- -20dB test point
- Low distortion and excellent frequency response
- Adjustable slope and gain controls
- Shielded enclosure for RFI Shielding
- Aluminum chassis for maximum heat dissipation



Description

The MCA-40860 is a superior quality wall-mounted distribution amplifier that amplifies signals with low-noise and low harmonic distortion.

The MCA-40860 serves as an ideal distribution system amplifier for heavily loaded MDUs, commercial areas, educational institutions, hotels, and broadband CATV or SMATV systems.

MCA-40860

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Multicom Distribution Amplifier

Product Specifications



FEATURES:

- Broadband 40-860MHz frequency range
- 40dB 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 with a (-20dB) test point enables 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

| MCA-40860 | |
|--------------------------------------|----------------------------------|
| Bandwidth | 40-860MHz |
| Forward Gain | 40dB |
| Maximum Output @ 135 Channel Loading | 50dBmV |
| Gain Adjust Range | 0-20dB |
| Slope Adjust Range | 0-20dB |
| Flatness | ± 1 dB |
| 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 | 110VAC, 60Hz, 8W |
| Operating Temperature | -10°C to +50°C (14°F to 122°F) |
| Dimensions | 23cm x 7cm x 12cm (9" x 3" x 5") |
| Weight | 1.1kg (2.5lbs) |

Description

The MCA-40860 is a superior quality push-pull wall-mounted distribution amplifier producing signals with low-noise and harmonic distortion. 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 40-860MHz range.

The MCA-40860 is housed in a 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.

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