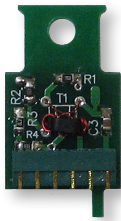


Changing the MCA-40860 Splitter

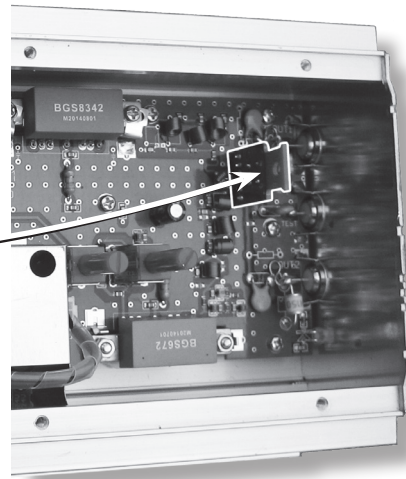
The Multicom MCA-40860 comes with an unbalanced splitter (50/30dBmV output), preinstalled in the unit and a balanced splitter (50/50dBmV output), in the box.

To change the splitter follow these instructions:

Splitter:



1. Open unit by unscrewing the 6 screws on the top of the unit
2. Open the top
3. Pull splitter straight up (see illustration)
4. Replace alternative splitter in exact location
5. Replace top of unit and screws securely



Indoor Distribution Amplifier



MCA-40860 40db Gain 860MHz

Established in 1982, Multicom, Inc. is a manufacturer and full-line stocking distributor for end-to-end integration of communication solutions.

Multicom stocks over 13,000 products from more than 270 of the world's major manufacturers. These products are used to acquire, process and distribute television, data, voice, security, and traffic control signals over fiber optic, copper, and coax cable.

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*Specifications subject to change without notice

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Key Features of the MCA-40860

- 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

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.

* See back cover for instructions on how to change the splitter

MCA-40860 Specifications

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)

