



FC420

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The 10 Watt Booster Amplifier(s) shall be Alpha Communications®/Ring model FC420 or approved equivalent. Amplifier(s) shall be a compact surface mount type featuring an automatic cut-off protection against overloading. Amplifier(s) shall operate from a 24VAC or 24VDC power source, and shall be a fully addressable type.

Amplifier(s) shall be used with the RM5000EX and/or CB901EX series micro-processor intercom systems.

Contractor shall observe all local and national electrical and building codes.

FC420 10 Watt Booster Amplifier

The FC420 10 watt Booster Amplifier operates on either 24VAC or 24VDC and may be used on the RM501EX or CB901EX series microprocessor intercom systems.

The FC420 is a compact surface mounted unit featuring an automatic cut-off protection against overloading.

It is primarily used to power a remote 8-ohm speaker, such as a paging speaker, and is fully addressable.

FEATURES

- Built in 10 watt amplifier
- Compact Surface Mount
- Operates on Low-Voltage 24VAC or 24VDC

SPECIFICATIONS

Operating Voltage:	24VAC
Max Ratings @ 24VDC:	
Input Signal:	0.7 V rms
Output Signal:	5 V rms
Output Load:	3.5 ohm
Output Power:	7 Watt
Current Drain:	650 mA
Max Ratings @ 24VAC:	
Input Signal:	0.7 V rms
Output Signal:	6 V rms
Output Load:	3.5 ohm
Output Power:	10 Watt
Current Drain:	850 mA
Distortion:	less than 2%
Frequency Range:	200 Hz to 20 kHz
Dimensions:	
	Height: 4.15" (106mm)
	Width: 2.95" (75mm)
	Depth: 1.95" (50mm)

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.