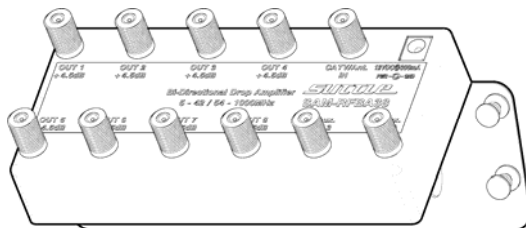


# ***SUTTLE***

## **SAM-RFBA18 and SAM-RFBA38 Bi-directional Drop Amplifier**

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### **User Guide**



Fwd. Freq.: 54 – 1000 MHz  
Rev. Freq.: 5 – 42 MHz  
Fwd. Gain: + 4.5 dB (on 1x8 model)  
+ 2 dB (on 3x8 model)  
Rev. Gain: + 2dB  
RFI Shielding: 110dB  
Ports meet ANSI/SCTE 02 1997 spec.

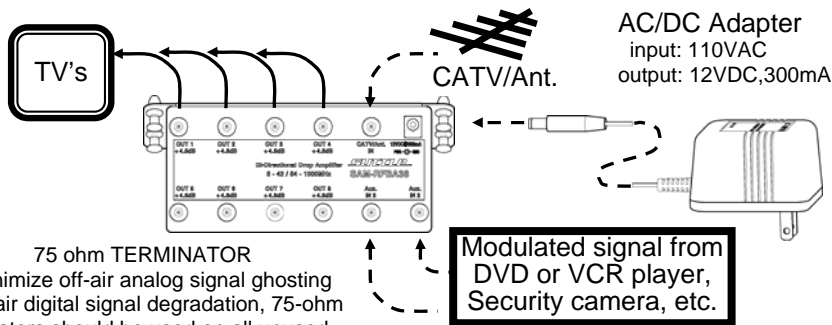
# Module Installation

## Mounting:

Align the mounting pins with the grid holes on the back of the enclosure. With the mounting pin plungers in the “out” position, press the unit into the grid in the desired location, secure by pushing the plungers in.

## Terminate incoming/outgoing coaxial cable:

Install F-connectorized RF coaxial cable from CATV or antenna to the “CATV/Ant. IN” port. Install additional coaxial cables (SAM-RFBA38 model only) for modulated signals from a security camera, DVD or VCR player to the “Aux.2” or “Aux.3” ports. The user/installer should confirm that modulated signals should not interfere with CATV system channels/data prior to inputting into the amp. Install F-connectorized RF coaxial cable to the “RF OUT” port(s). Use 75 ohm terminators on any unused ports.



**75 ohm TERMINATOR**  
To minimize off-air analog signal ghosting or off-air digital signal degradation, 75-ohm terminators should be used on all unused outputs. Any unused cable connected to the output should also be terminated at the connector plate. Save unused terminators for future applications.

## Power

Verify the AC voltage rating of the power source conforms to the AC/DC adapter. Plug the DC power plug into the “POWER IN” jack. Plug the AC/DC adapter into the AC power source.