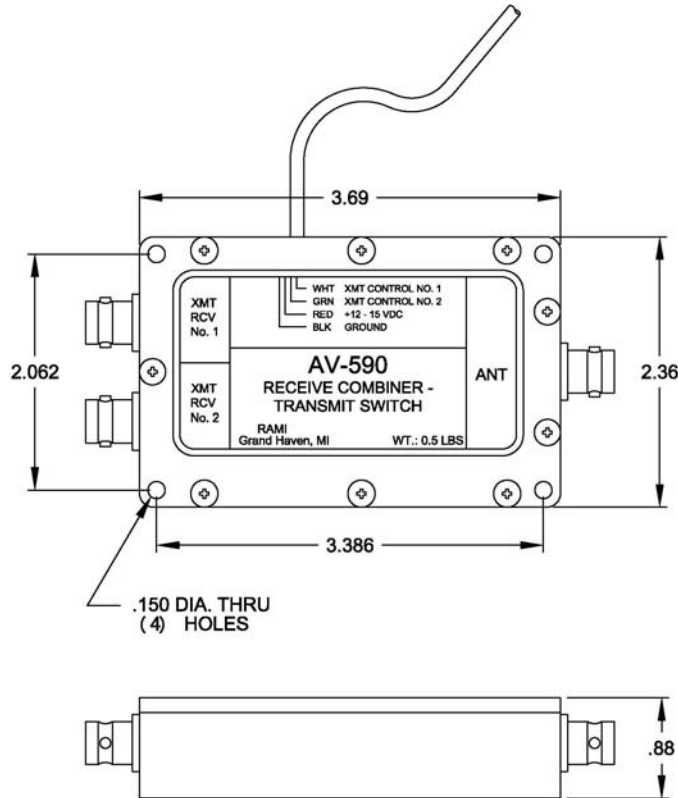


# AV-590

LOUD AND CLEAR

## PRODUCT DESCRIPTION

Part Number AV-590  
Market General Aviation



The AV-590 allows two communications radios to share the same antenna. In the normal, non-switched mode the AV-590 splits the signal from the antenna evenly between two comm radio receivers. When the control voltage is activated by the microphone PTT, the AV-590 switches the antenna to the corresponding radio transmitter and isolates the other receiver.

## PRODUCT SPECIFICATIONS

Application	Comm Antenna Splitter
Ports	Antenna XMT/RCV No. 1 XMT/RCV No. 2
Frequency	118-136 MHz
Impedance	50 Ohms Nominal
VSWR	1.2:1 Max.
Receive Insertion Loss	<0.6 dB above 3.0 dB
Transmit Insertion Loss	<0.3 dB
Isolation	>30 dB
Voltage	12-15 VDC @ 60 mA Max.
Connectors	"BNC" Female
Cable	36" Long, 4 conductors
RF Power Handling	25 Watts TX
Max. Weight	0.50 Lbs
Color	Black