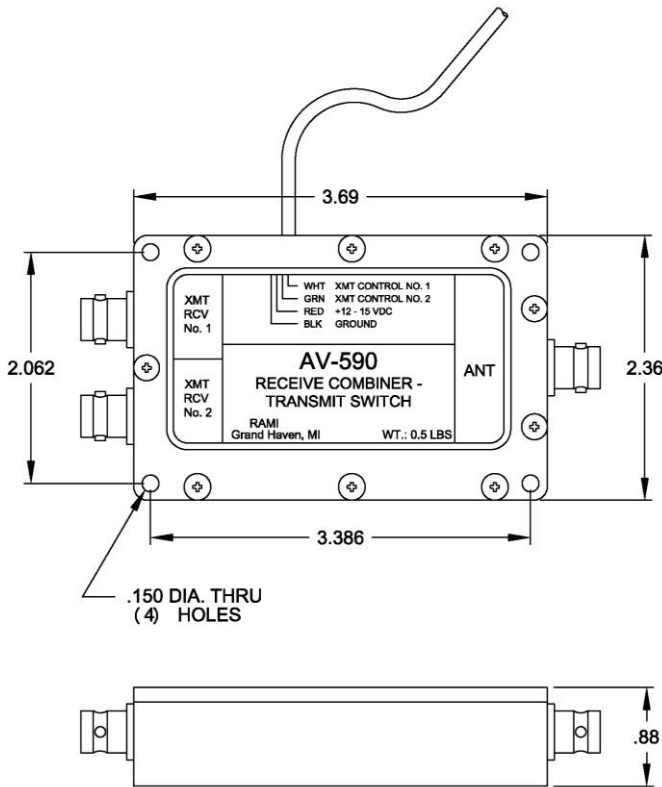


PRODUCT DESCRIPTION

Part Number	AV-590
Part Number	AV-590 (-28)
Market	General Aviation



The AV-590 is an electronic switch allowing two COM radios to share the same COM antenna. In receive mode, it acts as a signal splitter allowing both COM radios reception across the entire COM band (118-137 MHz). In transmit mode, which ever COM radio (COM 1 or 2) is selected through the audio panel, a control signal is sent to the AV-590, switching the selected COM radio to the COM antenna and isolating the remaining COM radio from the COM antenna. Once no longer transmitting, the control signal is removed and the AV-590 electronic switch reverts back to the receive mode as described above.

PRODUCT SPECIFICATIONS

Application	COM Electronic Switch	
Ports	Antenna XMT/RCV No. 1 XMT/RCV No. 2	
Frequency	118-137 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	AV-590	12-15 VDC @ 60 mA Max.
	AV-590(-28)	20-30 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	