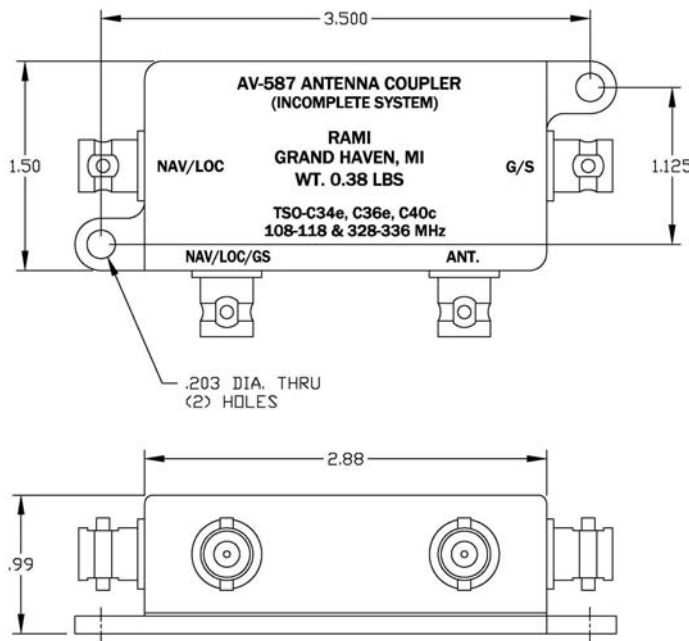


# AV-587

LOUD AND CLEAR

## PRODUCT DESCRIPTION

Model Number	AV-587
Part Number	AV-587
Market	General Aviation



The AV-587 Antenna Coupler is an antenna signal “splitter/diplexer” providing three outputs from a single antenna. One output provides a combined VOR/LOC/GS signal. A second output provides a combined VOR/LOC signal. And a third output provides a GS signal.

The necessity of bringing this product forward comes from advancing technology in avionics. Newer designed navigational radios have only one antenna input to receive all three (VOR/LOC/GS) signals whereas older legacy radios had a separate antenna input for the VOR/LOC signal and another antenna input for the GS signal.

In an aircraft instrument panel with one newer navigational radio and a second older legacy navigational radio, the AV-587 is the “article” that will provide the necessary signals to both radios utilizing a single antenna.

## PRODUCT SPECIFICATIONS

Application	Navigation Receive
Ports	Antenna NAV/LOC/GS NAV/LOC G/S
Impedance	50 Ohms Nominal
VSWR	1.40:1 Max.
Insertion Loss	<.6 dB above 3.0 dB
Isolation	>22 dB
Connector	“BNC” Female
RF Power Handling	Receive Only
FAA TSO'd	C34e, C36e, C40c
Max. Weight	0.38 lbs
Color	Black