AV-930

Aviation Accessories

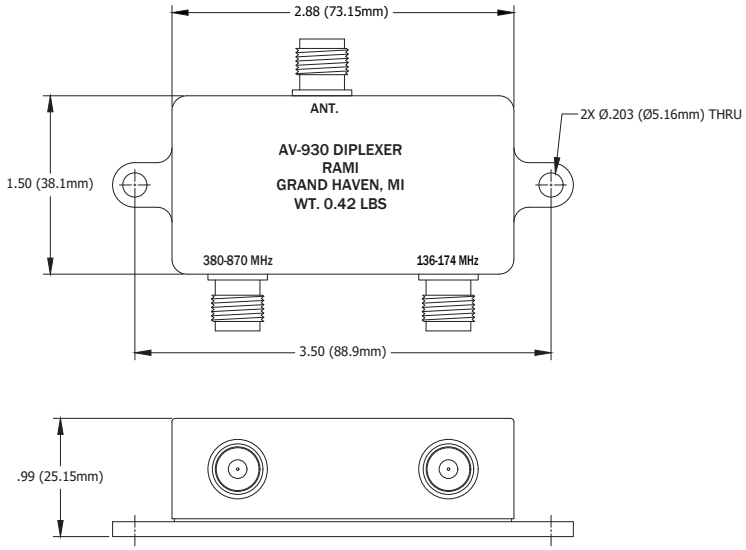
Diplexer

The AV-930 diplexer can be used with airborne multiband FM transceivers. The device is designed to provide two separate frequency band ports (typically going to a multiband transceiver) from a single port multiband antenna.



Product Specifications

Application	Diplexer - Airborne Communications
Frequency	Port 1: Antenna Port 2: Radio 136-174 MHz Port 3: Radio 380-870 MHz
Impedance	50 Ohms Nominal
VSWR	1.3:1 Maximum
Insertion Loss	< 0.5 dB
Isolation	> 35 dB
Connector	TNC Female
RF Power Handling	10 Watts VHF 5 Watts UHF



Mechanical Specifications

Height	0.99"	25.15 mm
Weight	6.7 oz.	0.19 kg
Color	Black	

AV-930 INSTALLATION INSTRUCTIONS
Diplexer for General Aviation (Incomplete System)

TRIPLEXER PORTS

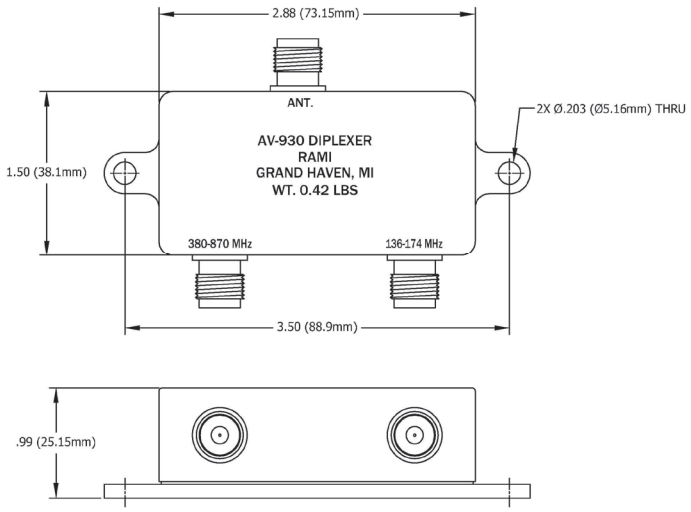
Antenna:	to AV-925 antenna or other suitable broadband antenna
136-174 MHz:	to 136-174 MHz transceiver antenna connector
380-870 MHz:	to 380-870 MHz transceiver antenna connector

INSTALLATION INSTRUCTIONS

1. The AV-930 requires use of RG-400 (or similar) 50 ohm transmission lines and male type TNC connectors (not supplied).

2. Determine suitable mounting location, drill mounting holes utilizing “mounting template” supplied and secure diplexer via mounting tabs (mounting hardware not supplied).

3. Route, secure and attach transmission lines from transceiver and antenna to appropriate ports on diplexer.



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