

PRODUCT DESCRIPTION



Part Number	AV-801
Market	General Aviation

The AV-801 GPS antenna is designed specifically to meet FAA TSO-C190 specifications. Qualification testing includes meeting the requirements of RTCA DO-301 and DO-160G. The mounting footprint matches the standard ARINC found on many general aviation aircraft up to and including business jets.

PRODUCT SPECIFICATIONS

Application	Most aircraft up to and including business jets
Frequency	1575.42 ±10.23 MHz
VSWR	1.5:1 Max.
Polarization	RHCP
Radiation Pattern	Hemispherical
Output Impedance	50 Ohms
Pre-amplifier Gain	26.5-30.5 dB
DC Voltage	4.5 to 14.5 VDC
DC Current	40mA Typ. / 60mA Max.
Noise Figure	2.5 dB
Selectivity	1315-1504.42 MHz -50 dB 1625.42-2000 MHz -50 dB
FAA TSO	C190
Weight	5.0 Ounces
Connector	TNC Female

