

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  |
| Preamplifier 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<br>1625.42-2000 MHz -50 dB |
| FAA TSO           | C190 (Pending)                                     |
| Weight            | 5.0 Ounces   |
| Connector         | TNC Female   |

