

PRODUCT DESCRIPTION

Part Number AV-601
Market General Aviation

The AV-601 antenna is designed specifically to meet FAA TSO-C87a specifications. Qualification testing includes meeting the requirements of EUROCAE ED-30, Edition 2, "Minimum Performance Standards for Airborne Low Range Radar Altimeter Equipment", as modified by Appendix 1 of the TSO.

PRODUCT SPECIFICATIONS

Application Airborne Low Range Radar Altimeter
Frequency 4200-4400 MHz
VSWR $\leq 1.5:1$ (4275-4325 MHz)
 $\leq 2.3:1$ (4200-4400 MHz)
Polarization Linear
Radiation Pattern Roll Plane(E): 45° min.
Beam widths Pitch Plane (H): 40° min.
Impedance 50 Ohms
Gain 9.5 dBi
Power 5 watts avg./500 watts max.
Side Lobe Level -40 dB
Lightning Protection DC Grounded
Finish Skydrol-resistant Polyurethane Enamel
Mesh Gasket 3.50" X 3.65" X .02"
FAA TSO C87a
Weight 0.25 lb (113g) max.
Connector TNC Female

