



## **AT575 - 343 GPS Antenna**



The AT575-343 is a high performance GPS antenna with an ARINC 743 footprint which can be installed on all turbine, turboprop, and piston airframes.

The AT575-343 is FAA approved under TSO C-190 for use with GPS receivers requiring 29.5 dB gain or more and is specifically designed to be used for all GPS operations up to and including Gamma 3 LPV approaches.

## AT575 - 343

### SPECIFICATIONS:

FREQUENCY:	1575.42 ±10.23 MHz
POLARIZATION:	RIGHT HAND CIRCULAR
AXIAL RATIO:	3 dB MAX. AT BORE SIGHT
RELATIVE RADIATION COVERAGE:	PER DO-301
AMPLIFIER:	
GAIN	SPECIFY, MIN. GAIN 29.5 dB REQUIRED
NOISE FIGURE:	2.5 dB MAX. @ 25° C
IMPEDANCE:	50 OHMS
VSWR:	≤ 1.5:1
POWER HANDLING:	1 WATT
FINISH:	WEATHERABLE POLYMER
CONNECTOR:	TNCF
WEIGHT:	8 OZ. MAX.
ALTITUDE:	55,000'
OPERATING TEMP:	-55° C TO +70° C
STORAGE TEMP:	-55° C TO +85° C
DESIGNED TO:	
DO-160E.	
ENV. CAT: F2-AB(BD)[S(CLMY)U(FF1)]X[SY]FSXSZXXX[ZCW]YH[A4J44][2A]CAC	
ARINC 743, RTCA/DO-301	
TSO:	C-190

STANDARD MODEL = AT575-343W-TNCF-000-RG-33-NM