



**AT575 - 493
GPS WAAS Antenna**



The AT575-493 is a high performance GPS WAAS antenna with a teardrop footprint that can be installed on all General Aviation, Business Aviation, and Air Transport Category airframes.

The AT575-493 is optimised for use with WAAS GPS receivers for all GPS operations up to and including Gamma 3 Localizer Performance with Vertical Guidance (LPV) approaches and is FAA approved under TSO C-190.

AT575 - 493

SPECIFICATIONS:

FREQUENCY:	1575.42 \pm 10.23 MHz
POLARIZATION:	RIGHT HAND CIRCULAR
AXIAL RATIO:	3 dB MAX. AT BORE SIGHT
RELATIVE RADIATION COVERAGE:	PER DO-301
AMPLIFIER:	
GAIN	29.5 dB \pm 3
NOISE FIGURE:	2.5 dB MAX. @ 25 ⁰ C
IMPEDANCE:	50 OHMS
VSWR:	\leq 1.5:1
POWER HANDLING:	1 WATT
VOLTAGE:	4.5-15 VDC
CURRENT:	60 mA MAX
FINISH:	WHITE, WEATHERABLE POLYMER
CONNECTOR:	TNCF
WEIGHT:	7.5 OZ.
ALTITUDE:	55,000'
OPERATING TEMP:	-55 ⁰ C TO +70 ⁰ C
STORAGE TEMP:	-55 ⁰ C TO +85 ⁰ C
DESIGNED TO:	DO-160E.
ENV. CAT: F2-AB(BD)[S(CLMY)U(FF1)]X[SY]FSXSZXXX[ZCW]YH[A4J44][2A]CAC RTCA/DO-301	
TSO:	C-190

STANDARD MODEL = AT575-493W-TNCF-000-RG-29.5-NM