



ANTENNA TECHNOLOGIES LIMITED COMPANY

# Model AOC2425GPSFHDSA Dual Band GPS Antenna

## Key Features

- Dual Band
- Heavy duty spring base
- Excellent mechanical integrity and electrical performance
- Ruggedized construction
- Different connector types available



Electrical Specifications	C-Band Omni	GPS
Frequency	2.3-2.5 GHz (GPS optional)	1575.42+/-3 MHz
Impedance		50 OHMS
Polarization	Vertical	RHCP
Power/DC Voltage/Current	10 W CW	2.7V to 6V DC Voltage 5 MA AT 2.7V DC Current-Typical 12 MA AT 5V DC Current-Typical
Design Temperature	-40 C to +65 C	-40 C to +65 C
Finish Color	Black (other colors available)	Black (other colors available)
GAIN Nominal	6.5 dBi	3 DBIC-element 27 dB without cable-amplifier -30 DB AT +/- 100 MHz-filter
Pattern		
Azimuth	Omni-Directional	
Elevation	17 Degrees Nominal	
VSWR	2:1 Nominal	
Weight (estimate)	<1.5 lbs.	
Bandwidth		20 MHz AT -10 DB
Noise Figure		2 DB Typical

Mechanical Specifications	AOC2425GPSFHDSA
Overall Size (Not Including Mounting)	2-inch DIA by 13.5 in height (Radome)
Mounting	Heavy duty spring base
Connectors	SMA Male

22560 Glenn Drive #114 | Sterling, Virginia 20164  
[www.atcllc.com](http://www.atcllc.com) [sales@atcllc.com](mailto:sales@atcllc.com)  
 Office: 703-450-5517

*ATLC products for military use may be subject to U.S. ITAR EXPORT CONTROLS, an export license may be required.*