



# GPS/LTE/WIFI 3 ELEMENT INDOOR/OUTDOOR OMNI ANTENNA WITH SMA AND RPSMA



The AccelTex Solutions 3 in 1 GPS/LTE/Wi-Fi antenna is a perfect compliment to any multi-band radio. This small form factor antenna comes with an integrated threaded bolt mount and is suitable for a broad range of outdoor applications.

Part Number: ATS-OO-3in1-2823-2SP-1RSP-18



## ELECTRICAL SPECIFICATIONS

### GPS Antenna (Dielectric Antenna)

Frequency Range: 1570.42-1580.42 MHz

Gain: 2 dBic

Polarization: Right Hand Circular

VSWR:  $\leq 1.5$

Axial Ratio: 3 dB

Impedance: 50  $\Omega$

### GPS Antenna (LNA)

Ex-Band Attenuation: 12 dB at 1625.42 MHz; 16 dB at 1525.42 MHz

Gain: 28 dB

Noise Figure:  $< 1.5$  dB

VSWR:  $\leq 2.0$

Supply Voltage: 2.2-5V DC

Current Consumption: 5-15 mA

### LTE Antenna

Frequency Range: 698-960/1710-2655 MHz

Gain: 2 dBi

Polarization: Linear

VSWR:  $\leq 2.0$

Impedance: 50  $\Omega$

### Wi-Fi Antenna

Frequency Range: 2.4-2.483 GHz

Gain: 3 dBi

Polarization: Linear

VSWR:  $\leq 2.0$

Impedance: 50  $\Omega$



## MECHANICAL SPECIFICATIONS

Dimensions: 1.97" Dia x 1.89" H (50mm Dia x 48mm H)

Weight: 0.55 lb (0.25 kg)

Installation: Threaded Bolt with Nut

Cable Type: RG174

Radome Material: ABS

Connector: 2 SMA (GPS & LTE) 1 RPSMA (Wi-Fi)

Number of Leads: 3

Cable Length: 18" (457 mm)



## ENVIRONMENTAL SPECIFICATIONS

Installation Environment: Outdoor

Operating Temperature: -40 to 185°F (-40 to 85°C)

## WARRANTY

2 Year Limited Warranty