

Key Features:

- ***Integrated Antenna Solution (IAS)**, antennas are attached to a 2x2', 2x4' or other configuration ground plane "ceiling tile" for quick and easy "drop in" installations.
- **Optimum performance with extreme wide band coverage** from 700 MHz. to 2600 MHz. with no tuning required!
- **Provide Astron your sensor or radio and we can mount the device on the backside of the panel for you and make the needed connections, thus providing a complete out of the box, "ready to go" solution. Saves time and onsite labor costs.**
- **Color Match Capability**, Astron can color match the "IAS" to your surroundings, **providing a low profile, aesthetically pleasing in-building solution.**
- **"Hard" ceiling mount options also available**

MADE IN THE USA



3 YEAR WARRANTY

ELECTRICAL SPECIFICATIONS	
Frequency Ranges, MHz	700-2600 MHz , 1575 MHz. (GPS)
Element Type	Conical Edge Slot
Polarization	Vertical (GPS=RHCP)
Peak Gain, dB, min	3 (GPS=25 db min.)
Azimuth Beamwidth	Omni-Directional
Elevation Beamwidth	Cosine
VSWR	2.0:1 (<2.0:1 at resonance points)
Impedance	50 Ω
Cable Type	RG58 (GPS=RG174)
Voltage (GPS)	3/5 Volts
MECHANICAL SPECIFICATIONS	
Height	1.6" (max)
Diameter	4.62"
Cable Length	12 ft. (custom lengths available)
Connector	SMA male, standard (All RF connectors are available)
Mounting	Adhesive Gasket, standard (Magnetic and stud mount available)
Temperature (Operating/Storage)	-40° to +80° C/-30° to +70°
Radome/Colors Available	ABS Plastic UV/White or Black (Custom colors also available)
Ceiling Tile "Ground Plane"/Material/Dimensions	Aluminum, 2x2'x.050, 2x4'x.063, Custom Sizes Available