

Specification Data	
Job Name	
Type	
Catalog #	
Comments	

## Product Overview Features:

The SNAP/LTE Puck Antenna is a low-profile antenna for SS450. It is weather rated and provides the LTE(Cellular) and SNAP antennas for external mounting.

The antenna is a through-hole design with an adhesive mounting pad. The device securely mounts to an enclosure via the internal mounting features which includes a threaded insert and lock nut. The SNAP/LTE Puck Antenna is FCC Certified for the SimplySnap SS450.

## KEY FEATURES:

- Rugged weather resistant
- 6' Double shielded, low-loss cables
- Omni Directional Radiation Pattern
- Permanent Mount
- UL-94 Rating, Flame Retardant ABS Construction
- Low Profile
- Vandal Resistant



Product #	Description
ANT-VAND	Vandal Resistant Antenna

## SPECIFICATIONS:

Dimensions	3.2" D x .64" H
Mounting Hole	1/2" Mounting Hole
LTE(cellular) VSWR	<3.0
LTE(cellular) Gain	Avg -4dBi
LTE(cellular) Impedance	50Ω
LTE(cellular) Connector	SMA
SNAP VSWR	<2.0
SNAP Gain	Avg -5dBi
SNAP Impedance	50Ω
SNAP Connector	RP-SMA
Cable	100-Series: 6 Foot
Range	250' LOS (Line of Sight)
Certifications	UL-94
Warranty	5 Years

See [www.Synapsewireless.com/warranty](http://www.Synapsewireless.com/warranty) for warranty terms.

## INSTALLATION INSTRUCTIONS:

1. Locate mounting location and drill and debur a ½” hole. Desired location is top of the equipment cabinet.
2. Remove the Nut, Lock Washer, and gasket.
3. Carefully thread each cable through the ½” hole.
4. Remove the adhesive backing, push gasket tight to mounting surface, and replace the interior gasket, lock washer, and nut. Tighten the nut where the antenna is secure. Do not over tighten.
5. Make sure the cables easily reach the SS450 bulkheads without a tight bend or strain on the cable. Recommended tightest continuous bend radius is 1.1 inch (28mm).
6. Attach the cable identified as SNAP to the SNAP Antenna bulkhead. Hand tighten. Do not over tighten, or the RF pin in the cable will be damaged.
7. Attach the LTE Main cable to the LTE bulkhead to the Left. Hand tighten. Do not over tighten, or the RF pin in the cable will be damaged.
8. Attach the LTE Aux cable to the LTE bulkhead to the Left. Hand tighten. Do not over tighten, or the RF pin in the cable will be damaged.
9. Attach the WI-FI antenna (2 white dots) that came with the SS450 to the Wi-Fi bulkhead. Hand tighten. Do not over tighten, or the RF pin in the cable will be damaged.
10. Roll up the GPS antenna, and secure out of the way.

