

The Global Leader in Resilient PNT

GPS SAASM Antenna

MODEL 8225S

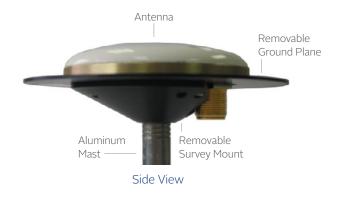


Top View

Electrical Specifications

Type: Active Frequency: L1: 1575.42 ±15 MHz L2: 1227.60 ±15 MHz Polarization: RHCP VSWR: < 1.5:1 Impedance: 50 ohms LNA Gain: L1: 33 dB L2: 35 dB LNA Noise Figure: 3.0 dB LNA P1dB Out: +13 dBm LNA DC Power: 3.3V/35mA Rejection at ±50 MHz: L1: -41 dB/-59 dB L2: -40 dB/-40 dB Rejection at ±100 MHz: L1: < -65 dB L2: < -65 dB Recommended Cable: Low Loss LMR-400 Equivalent Maximum Cable Length: 400 ft. maximum

LMR-400 equivalent with Inline Amplifier - Model 8227: 800 ft. maximum



Mechanical Specifications

Connector: N type, female Antenna Size: Diameter: 3.50" (88.90 mm) Height: 0.690" (17.53 mm) Antenna Weight: 6.8 oz. (191 g) Mounting:

- Removable "Survey Mount" with 0.625-11UNC thread, 0.7" (17.78 mm) deep
- Antenna Mast included with threaded end, 6061 Aluminum, iridite and powder coat fi nish, 1.13" (28.70 mm) dia x 18" (457.20 mm) long
- Antenna is weather-proof and must be mounted outdoors

Environmental

Temperature Range: -55° to +85° C (-67° to +185° F)

Warranty

1-Year Limited The warranty period may be dependent on country.

Ordering Information

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1. GPS SAASM Antenna - Model 8225S

Additional Accessories

- 2. GPS Antenna Splitter Model 8224
- 3. Antenna Surge Suppressor Model 8226
- 4. Surge Protector Grounding Kit Part Number 8226-0002-0600
- 5. Inline Preamplifi er Model 8227
- 6. Low Loss Antenna Cable Model CAL7xxx
- 7. Indoor Plenum-rated Antenna Cable, CMP equivalent - Model CALP7xxx