



GPS SAASM Antenna

Model 8225S



Top View



Side View

Specifications

Electrical

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/+50 MHz:

L1: -41 dB/-59 dB

L2: -40 dB/-40 dB

Rejection at -100/+100 MHz:

L1: < -65 dB

L2: < -65 dB

Recommended Cable:

Low Loss LMR-400 Equivalent

Maximum Cable Length:

300 ft. maximum

LMR-400 equivalent with Inline

Amplifier - Model 8227: 700 ft. maximum

Mechanical

Connector: N type, female

Size:

Diameter: 3.50" (88.90 cm)

Height: 0.690" (17.53 cm), 0.58" (14.73)

Weight: 6.8 oz. (191 g)

Mounting: Antenna is weather-proof and must be mounted outdoors.

Environmental

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

Warranty

5-Year Limited

Ordering Information

Gps Saasm Antenna

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 Preamplifier - Model 8227

6. Low Loss Antenna Cable - Model CAL7xxx

7. Indoor Plenum-rated Antenna Cable, CMP equivalent - Model CALP7xxx

www.spectracomcorp.com

May 24, 2011 - 8225S(C)

Specifications subject to change or improvement without notice.

Spectracom is a company of the Orolia Group. © 2011 Spectracom Corp.