

SLGAT35101CR

Choke Ring GNSS Antenna



Data Specifications

PERFORMANCE

Signal Tracking

Support all working frequency including:

GPS (L1, L2, L5)

GLONASS (G1, G2, G3)

BeiDou (B1, B2, B3)

Galileo (E1, E5A, E5B, E6)

SBAS (Compatibility L-Band)

Right-handed circular polarization (RHCP)

<2dB (stow position)

360°

≤1mm ; ≤±1mm

≥5dBi

45dB±3dB

≤2.5dB

≤5ns

50Ω

≤2.0

±1.5dB

Polarization Type

Antenna Axis Ratio

Elevation Coverage

The Repeatability of Phase Center

The Largest Gain of Patch Antenna

LNA Gain

Noise Figure

Differential Propagation Delay

Nominal Impedance

Output Port VSWR

Pass-band Ripple

OPERATING FREQUENCY RANGE

Lower Band

1160Mhz - 1300 Mhz

Upper Band

1541 Mhz - 1621 Mhz

POWER

Working Voltage

3.0 - 16VDC

Power Consumption

≤45mA

GENERAL

Environmental

Up to IP67 standard

Temperature -45°C to 85°C Operating

-55°C to 85°C Storage

95% Humidity

Physical Properties

Dimension: 380mm x 290mm

Weight: 6kg



Headquarters:
Datavägen 21B
SE-436 32 Askim, Sweden
info@satlab.com.se

Regional Offices:
Jičín, Czech Republic
Ankara, Turkey
Scottsdale, USA
Singapore, Singapore
Warsaw, Poland
Hong Kong, China
Dubai, UAE