

# SLGAT35101CR

Choke Ring GNSS Antenna



## Data Specifications

### PERFORMANCE

#### Signal Tracking

Support all working frequency including:

GPS (L1, L2, L5)

GLONASS (L1, L2, L3)

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