

# SLGAT35101CR

Choke Ring GNSS Antenna



## Data Specifications

### PERFORMANCE

#### Signal Tracking

GPS (L1C/A, L1C, L2C, L2P, L5)  
GLONASS (L1C/A, L2C/A, L2P, L3, L5)  
BeiDou(B1, B2, B3)  
Galileo (E1, E5 AltBOC, E5A, E5B, E6)  
IRNSS (L5)  
QZSS (L1C/A, L1C, L1 SAIF, L1S3, L2C, L5, L6)  
SBAS: WAAS, EGNOS, GAGAN, MSAS, L1C/A, L5  
L-band

#### Polarization Type

Right-handed circular polarization (RHCP)

#### Antenna Axis Ratio

<2dB (stow position)

#### Elevation Coverage

360°

#### The Repeatability of Phase Center

≤1mm ; ≤±1mm

#### The Largest Gain of Patch Antenna

≥5dBi

#### LNA Gain

45dB±3dB

#### Noise Figure

≤2.5dB

#### Differential Propagation Delay

≤5ns

#### Nominal Impedance

50Ω

#### Output Port VSWR

≤2.0

#### Pass-band Ripple

±1.5dB

### 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

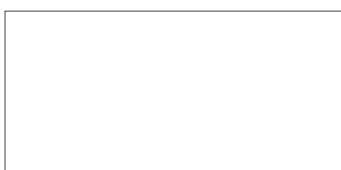
Temperature -20°C to 85°C Operating  
-30°C to 85°C Storage

100% Humidity

#### Physical Properties

Dimension: 380mm x 290mm

Weight: 6kg



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