

## AT-65 GPS Active Antenna

### ► Specification



#### **Antenna**

Frequency: 1575.42±2 MHz

VSWR: 1.5 Max.

Bandwidth: 10 MHz Min.

Axial Ratio: 3 dB Typical

Impedance: 50Ω

Peak Gain: 4 dBic Min.

Gain Coverage: > -4dBic at -90°~ 90°(over 75% volume)

Power Handling: 1 watt

Polarization: RHCP

#### **Amplifier Module**

Amplifier Gain without cable: 27 dB Typical

Noise Figure: 1.5 dB Typical

Filtering: -25 dB (+ 100MHz)

Output VSWR: 2.0 Max.

Voltage: DC 3.0 ~ 5.0V

Current: 22mA Max@5VDC

#### **Mechanical**

Weight: < 95 gram

Size: 45 x 37 x 13 mm

Cable: RG174 with 5 meter long

Connector: SMA

Mounting: Magnetic base

#### **Environmental**

Operating Temperature: - 40°C ~ + 85°C

Storage Temperature: - 40°C ~ + 85°C

Water Resistance: 100% waterproof