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## Detail

➤ [GPS Applications](#) ➤ **AT-65**

**Products Name:** GPS Active Antenna

**Products no.:** AT-65

### Feature:

Light , Compact and Stylish !!Provides excellent reception to optimize GPS performance and is easy to connect. Varied connectors are available.

### 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°X~ 90°X(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: BNC/MCX/SMA/others

Mounting: Magnetic base

#### Environmental

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

Storage Temperature: - 40°C ~ + 85°C

Water Resistance: 100% waterproof

Vibration: Sine Sweep, 1G(0-P),10-150-10Hz each axis

