Epsilon GPS Antenna 35 dB

Description
The Epsilon GPS Antenna 35 dB is a high gain antenna designed for use in timing applications. Its excellent attenuation figure of 60 dB at ± 50 MHz from L1 GPS frequency allows efficient use where high levels of RF frequencies are experienced (for instance, around transmitter base stations).

Main Specifications

Frequency
- Frequency Range: 1575.42 ± 1.023 MHz
- Gain: 35 dB typical
- Noise Figure: 2.2 dB max (1.8 dB typical)
- Output Impedance: 50 Ω
- Out Band Rejection: Fo = 1575.42 MHz
  Fo ± 50 MHz: 60 dB typical

Power Supply
- Input Voltage: 5 V ± 0.5 V
- Power Consumption: 27 mA max

Output
- Coaxial Connector Type: N type female

Environmental
- Operating Temperature: -40° to 85°C
- Storage Temperature: -45° to 90°C
- Humidity: 40 to 95% RH
- RoHS Compliant

Physical Characteristics
- External Diameter: 90 mm
- Antenna Height: 98.4 mm (without connector)
- Fixation: 4 M4 screws
- Weight: 285 ± 20 g
- Color: White

Accessories
- Post mount kit
- Lightning protection
- In-line amplifier

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Specifications subject to change or improvement without notice.
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