

# A42 Antenna

# AUTI-FREQUENCY,



The A42 antenna adds precision, reliability, and value to our leading Eclipse GPS technology. A42 is a multi-GNSS precision antenna and is ideal for various applications including construction survey, RTK positioning and navigation, precise guidance, and machine control. Use the A42 antenna in challenging environments (such as near buildings and foliage) for superior multipath mitigation, stable phase center, and strong SNR's even at low elevations.

### **GNSS Sensor**

Signals Received:GPS L1/L2/L5, GLONASS L1/L2, BeiDou,<br/>SBAS, L-band DGNSS and Galileo E1/E5a<br/>and bGNSS Frequency:1.165 to 1.253 GHz<br/>1.525 to 1.613 GHzLNA Gain:30 dBnLNA Noise:2.0 dB, typical

### Power

Input Voltage:3.3 to 12 VDCInput Current:35 mA, typical

### Mechanical

Enclosure: Dimensions: Weight: Mount: RF Connector: Aluminum base with ASA plastic top 7.0 H x 13.0 D (cm) 2.9 H x 5.1 D (in) .38 kg (.84 lbs) 5/8 inch female thread TNC (straight)

### Environmental

 Storage

 Temperature:
 -40° C to +85° C (-40°F to +185°F)
 Operating

 Operating
 -40° C to +70° C (-40°F to +158°F)

 Enclosure Rating:
 IP69K

 Shock/Vibration:
 EP455

# **Hemisphere GNSS**

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