

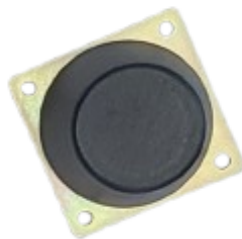


# **SIGNAL ANTENNA SYSTEMS**

## **MODEL: UWB0618-1000**

*Product Data Sheet*

**UWB0618-1000:** Wideband omni-directional antenna with elevation plane beam optimized for gain and coverage across the 6 to 18 GHz frequency band. Its compact, rugged design delivers stable RF performance in both indoor and outdoor environments, making it ideal for demanding applications including Communication Datalinks, SIGINT, and Spectrum Monitoring.



### **PERFORMANCE CHARACTERISTICS**

#### ***RF and Electrical***

Frequency Range	6 – 18 GHz
Gain	+1 to +4 dBi
3-dB Beamwidth (E-Plane)	50.0° (nom)
3-dB Beamwidth (H-Plane)	360.0°
Polarization	Linear
VSWR	1.8:1 max
Power Handling	20 Watts

#### ***MECHANICAL***

Dimensions	1.5" x 1.5" x 1.1"
Weight	0.1 lbs
Mounting	Flange or 4X 4-40 Screws

#### ***INTERFACE***

RF-Connector	SMA Female
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