



SIGNAL ANTENNA SYSTEMS

MODEL: UWB1016-1000

Product Data Sheet

UWB1016-1000: X/Ku omni-directional antenna with elevation plane beam optimized for gain and coverage across the operating frequency band from 10 to 16 GHz. With a total usable band from 8 to 18 GHz it supports a variety of applications and requirements such as: Communication Datalinks, Signal Intelligence (SIGINT), and Spectrum Monitoring.



PERFORMANCE CHARACTERISTICS

RF and Electrical

Frequency Range	10 – 16 GHz
Gain	+1 to +3 dBi
3-dB Beamwidth (E-Plane)	50.0° (nom)
3-dB Beamwidth (H-Plane)	360.0°
Polarization	Linear
VSWR	1.5:1 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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