



SIGNAL ANTENNA SYSTEMS

MODEL: SA UWB300 OMNI

Product Data Sheet

SA UWB300: Wideband, omni-directional antenna with wide elevation plane beamwidth allows for reliable coverage. Operational frequency range from 0.3 - 20 GHz supports a variety of applications and requirements such as: communication, Signal Intelligence (SIGINT), Spectrum Monitoring, and Electronic Warfare (EW). High power Handling of 100W CW.



PERFORMANCE CHARACTERISTICS

RF and Electrical

Frequency Range	0.3 – 20 GHz
Gain	0 to +2 dBi
3-dB Beamwidth (E-Plane)	80.0° (nom)
3-dB Beamwidth (H-Plane)	360.0°
Polarization	Linear
VSWR	2.0:1 max (0.3 - 12 GHz) 3.0:1 max (12 - 20 GHz)
Power Handling	100 Watts

MECHANICAL

Dimensions	12" high x 12"diam.
Weight	8 lbs
Mounting	1" diam. fiberglass rod

INTERFACE

RF-Connector	SMA Female
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