

# JEM-0221A

## Broadband Omni Antenna



### DESCRIPTION

The JEM-0221 is an ultra-wideband omni directional antenna designed to operate within frequencies from 20 MHz to 21 GHz.

The antenna has excellent aperture efficiency. It has +1 to +7 dBi over 95% of the band and tuned using state-of-the-art pattern modeling for optimal performance. It is exceptional for signal intelligence (SIGINT), electronic intelligence (ELINT), and broad spectrum monitoring of RF signals.

Antenna VSWR below 250 MHz is 5.0:1 or above.

Other form factors are available upon request.



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### SPECIFICATIONS

#### ELECTRICAL

Frequency Band	20 MHz to 21 GHz
VSWR	< 3.0 : 1 (95% of Band)
Polarization	Vertical, Linear
Gain	+1 dBi to 7 +dBi Typical
Boresight Gain	0 dBi Typical
Power	50+ Watts CW
Ground Plane	Ground Plane Independent
Connector	Type N Female

Mounting

Available Upon Request

Finish (Default)

F63W12 White Polyurethane Enamel

#### RELATED PRODUCTS

Different Form Factor JEM-0221

#### MECHANICAL

Weight	< 2.5 lbs (< 1.1 kg)
Dimensions	16.53" L x 6.15" Dia. (42 cm L x 15.62 cm Dia.)

