



# Wideband Omni-Directional Jamming Antenna

20 – 1000 MHz

**PRODUCT STATUS:** COTS  
**VERSION:** 1.0



## SPECIFICATIONS

<b>Electrical:</b>	
Frequency range	20 - 1000 MHz
VSWR	< 3:1 over 95% of the band (See graph)
Nominal input impedance	50 $\Omega$
Feed power handling	1 kW CW
Gain	See graph
Polarisation	Vertical
Connector	N Type female
<b>Mechanical:</b>	
Dimensions (h x w)	6 m x 2 m
Weight	36 kg
Material	Aluminium, fibreglass and stainless steel
<b>Environmental:</b>	
Wind survival	160 km/h

## PRODUCT DESCRIPTION:

This is an omni-directional high-powered EW antenna that operates over the 20-1000 MHz frequency band with a VSWR of less than 3:1 over 90% of the band.

## PRODUCT FEATURES:

- Wide band
- Omni-directional azimuth pattern
- High power handling
- Distributed loading is used to prevent elevation radiation pattern break up.

## APPLICATIONS:

- Light weight
- Water proof
- Quick assembly
- Mast mounted
- Small and compact packaging

**Antenna Factory, Inc.**

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Schaumburg, Il 60193

Toll Free: (877) 288-9112  
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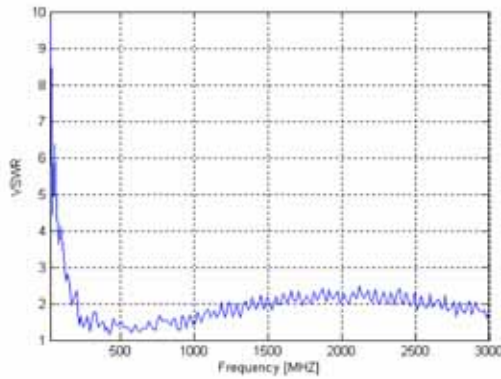
Product Code: DIPL-A0045

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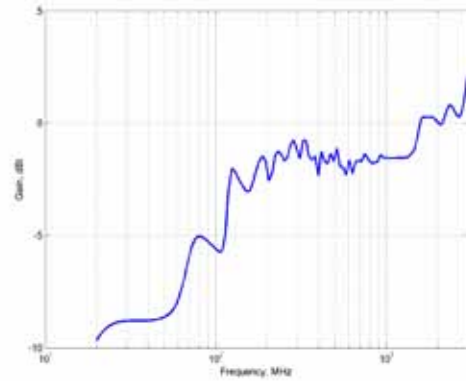
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## VSWR AND GAIN GRAPHS

### VSWR



### Gain



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