

# Wideband Omni-Directional High-Power

20 – 1000 MHz

Product Code: DIPL-A0045

VERSION: 3.0



## SPECIFICATIONS

<b>Electrical:</b>	
Frequency range	20 – 1000 MHz
VSWR	< 3:1 over 80% of the band (See graph)
Nominal input impedance	50 $\Omega$
Feed power handling	500 W CW
Gain	See graph
Polarisation	Vertical
Connector	7/16 female
<b>Mechanical:</b>	
Dimensions (h x w)	6 m x 2 m
Weight	36 kg
Material	Aluminium, fibreglass and stainless steel
<b>Environmental: designed to meet the following specification</b>	
Wind survival	160 km/h

## PRODUCT DESCRIPTION:

The DIPL-A0045 is an omni-directional high-powered EW antenna that operates over the 20 to 1000 MHz frequency band with a VSWR of less than 3:1 over 80% of the band.

## PRODUCT FEATURES:

- Wideband
- Omni-directional azimuth pattern
- High-power handling
- Distributed loading is used to prevent elevation radiation pattern break up
- Lightweight
- Waterproof
- Quick assembly
- Mast-mounted
- Small and compact packaging

## AUTHORIZED USA DISTRIBUTION BY:

Cyntony Corporation  
 195 Follen Road  
 Lexington, Massachusetts  
[sales@cyntony.com](mailto:sales@cyntony.com)  
 781-430-0675



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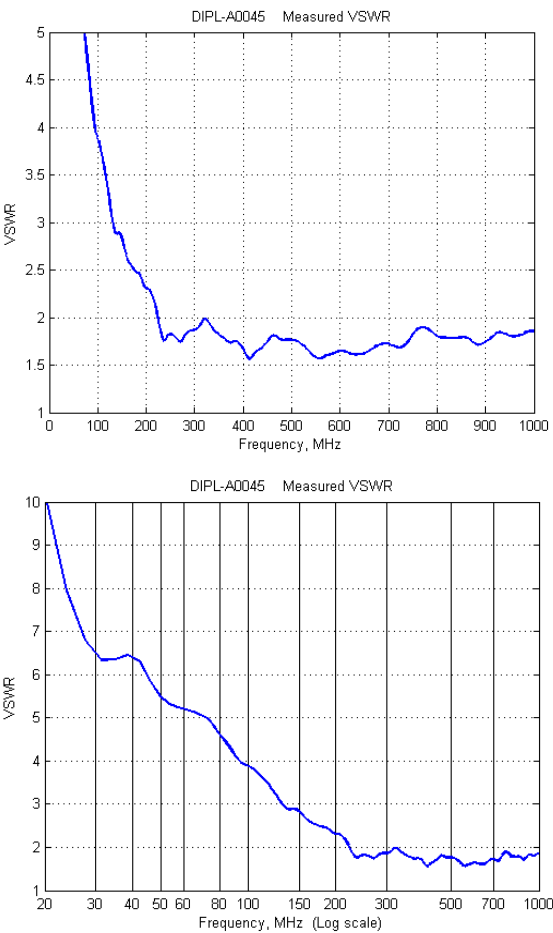
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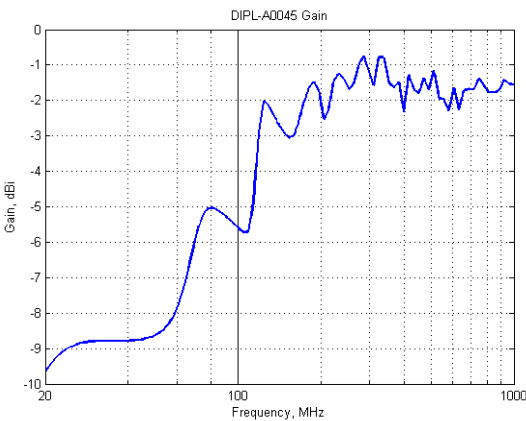
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**VSWR AND GAIN GRAPHS:**

**VSWR:**



**Gain:**



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