

# High Frequency Wideband Dipole Antenna

7 – 30 MHz

VERSION: 1.2

Product Code: DIPL-A0089

## SPECIFICATIONS:

<b>Electrical:</b>	
Frequency range	7 – 30 MHz
VSWR	< 3:1
Nominal input impedance	50 $\Omega$ nominal
Power input	1000 W
Connectors	N-type female
<b>Mechanical:</b>	
Dimensions	Length: < 30m (Excluding guy ropes)
Total mass	< 25 kg
<b>Environmental: designed to meet the following specifications</b>	
Wind survival	120 km/h
Designed to comply with MIL-STD-810F	

## PRODUCT DESCRIPTION:

The DIPL-A0089 is a tough and rugged, yet highly efficient HF wideband dipole antenna, covering the frequency range 7 MHz to 30 MHz, ideal for base station and static mobile applications.

Ideal for short (NVIS), medium and long-range communications, the DIPL-A0089 can be erected in minutes in either an inverted 'V' or horizontal configurations, and being omni-directional, can be positioned without consideration to the direction of transmission, making it ideal for use in multiple station networks.

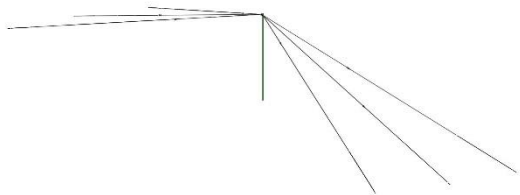
Typical deployment time is approximately 10 to 15 minutes.

## PRODUCT FEATURES:

- Wideband (7 to 30 MHz)
- Quick deployment
- Compact storage
- Rugged

## APPLICATIONS:

- Base station communications
- Static mobile communications
- High-power transmission



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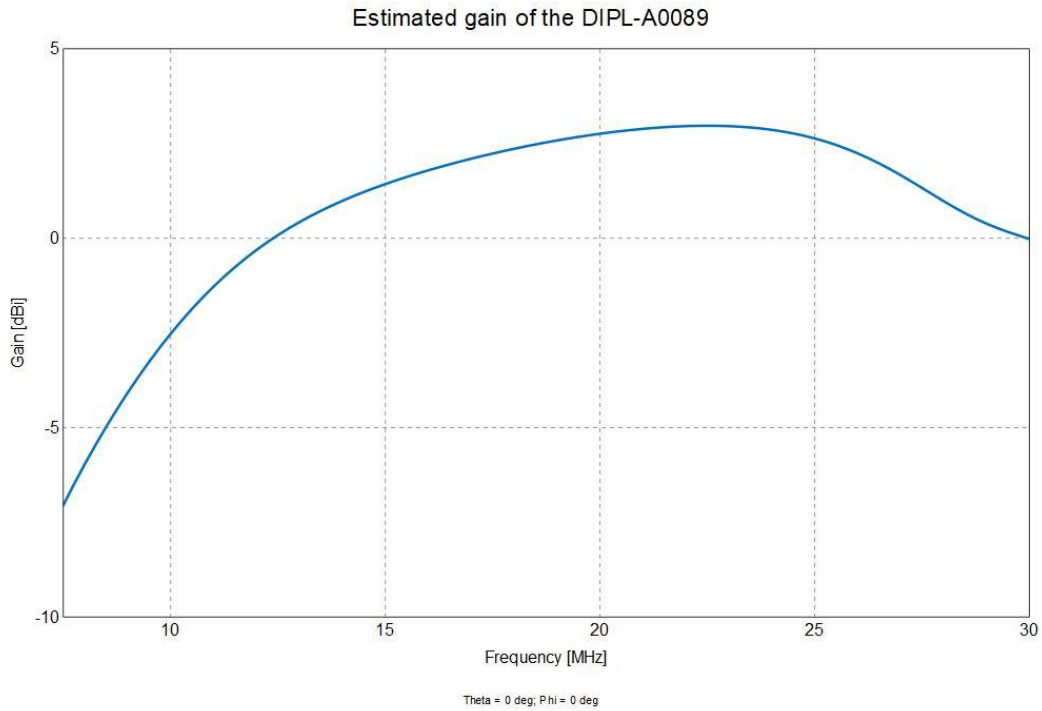
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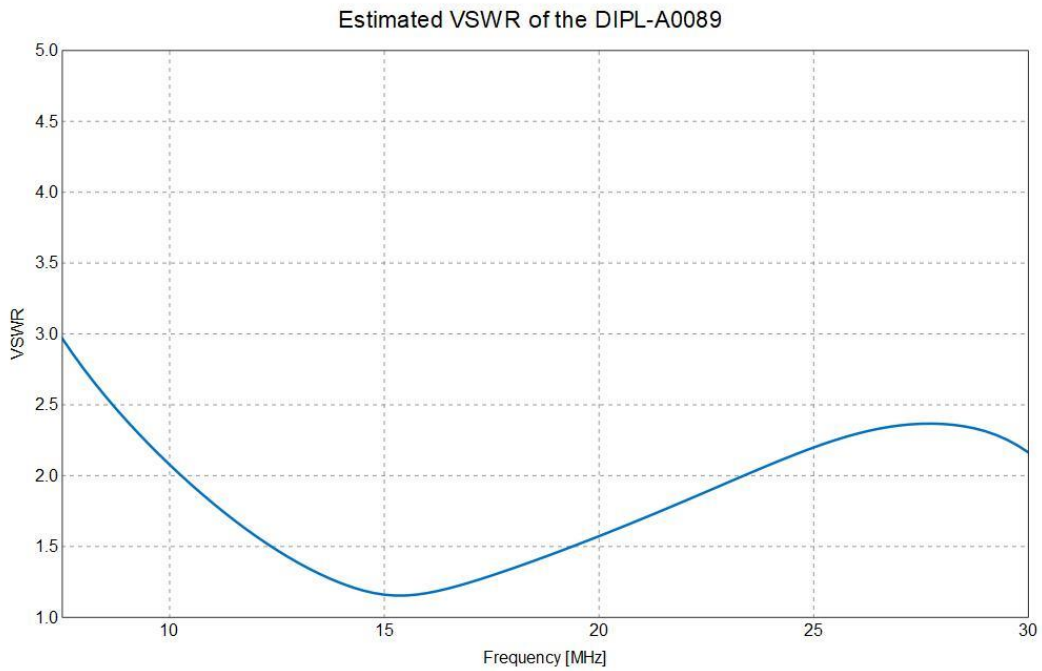
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## Normalised patterns:

Gain:



VSWR:



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Radiation patterns:

