

# 8 m Whip Antenna

1 – 30 MHz

Product Code: MONO-A0046

VERSION: 2.4

## SPECIFICATIONS:

<b>Electrical:</b>	
Input frequency range	1 – 30 MHz
VSWR	Depends on matching units
Nominal input impedance	Typical monopole
Feed power handling	1 kW CW
Gain	Generally 0 dBi in the azimuth
Polarisation	Vertical
<b>Mechanical:</b>	
Dimensions (w x h)	203 mm x 8000 mm
Weight	12 kg
Material	Fibreglass / centre copper conductor
<b>Environmental: designed to meet the following specification</b>	
Wind survival	160 km/h



## ELECTRICAL FEATURES:

- High-power handling
- Low-feed capacitance

## MECHANICAL FEATURES:

- Rugged
- Quick erection time
- Compact
- Stored in a bag

## PRODUCT DESCRIPTION:

This 8 m whip antenna is designed for installation on a mobile or fixed structure. The antenna has a radiation pattern that is suitable for medium to long-range HF communication and short distance HF interception. It operates in transmit and receive mode over the frequency range of 1 to 30 MHz depending on the ATU capabilities. An antenna tuning unit (ATU) is required when the antenna is used for transmit purpose. The antenna is rated to 1 kW CW.

NB: The ATU is not included with the antenna.

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## IMPEDANCE GRAPH:

