

8 m Whip Antenna

1 – 30 MHz

Product Code: MONO-A0046

VERSION: 2.2

SPECIFICATIONS:

Electrical:	
Input frequency range	2 – 30 MHz
VSWR	Depends on matching units
Nominal input impedance	Typical monopole
Feed power handling	1 kW CW
Mechanical:	
Gain	Generally 0 dBi in the azimuth
Polarisation	Vertical
Environmental:	
Wind survival	160 km/h



ELECTRICAL FEATURES:

- High-power handling
- Low-feed capacitance

MECHANICAL FEATURES:

- Rugged for tactical applications
- 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 jamming. 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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Poynting Antennas has a policy of continuous improvement and hence specifications may change without notice

DEFENCE AND SPECIALISED

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IMPEDANCE GRAPH

▶ S11 Smith (R+jX) Scale 1.000U [F1]

>1 17.57773000 MHz 12.432 Ω -52.549 Ω 172.30 pF

