

# BROADBAND PROPAGATION

## Antenna Design & Supply

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## HF SHIPBOARD WHIP ANTENNA

### Model: BP-MW-3-30

The BP-MW-3-30 is a ruggedized, 7 metre whip antenna designed for shipboard mounting. It is vertically polarised and in conjunction with a suitable tuner it will cover the frequency range from 2-30 MHz. Power rating is 1 Kilowatt SSB and 500 watts CW

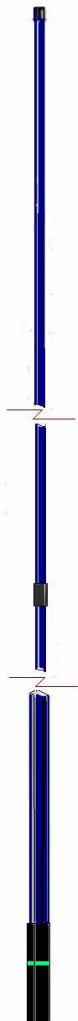
The radiating element is constructed from heavy duty tapered fibreglass. All metal components are fabricated from marine grade stainless steel. All other exposed surfaces are fully protected against aggressive, marine/ salt spray environments.

The antenna is delivered in two pieces and joins with a sturdy threaded connection.

A variety of mounting fixtures, constructed from marine grade stainless steel, are available or the mount can be tailored to suit the customer's specific needs.

*\* Antenna tuner is required.*

*\*Full connector protection provided via gland-entry weather shroud*



### Specifications

Frequency:	2-30 MHz
Gain:	0-3 dBi typical
VSWR:	Antenna tuner required
Horizontal Pattern:	Omnidirectional
Polarisation:	Vertical
Power Rating :	1 Kilowatt SSB, 500 watts CW continuous
Input Impedance:	Input via suitable antenna tuner
Input connection:	10mm threaded connecting lug
Overall length:	7.0m
Overall Width:	45mm at base
Wind Rating	130 km/hr
Mounting:	Customer specified mounting

*Can be supplied with a variety of marine grade stainless steel mounting fixtures*