

## FEATURES

- Fibreglass multiband marine antenna
- Supports all bands across 2G, 3G and 4G networks
- Compatible with Telstra's 4GX and Optus' 4G Plus networks
- Carrier aggregation ready
- Perfect protection against extreme weather conditions
- Adjustable white nylon mounting bracket
- 9 dBi peak gain
- Included 5 metres of low loss double shielded cable, terminated with SMA-M connector

## Marine Omni Antenna 3G+4G+4GX (ANT-MRN-5SP)

The Comset ANT-MRN-5SP 3G/4G/4GX Marine Omni Antenna provides an innovative and future proof solution for 2G, 3G and 4G networks. It has a 9 dBi peak gain and a wide frequency band of 698 to 2700 MHz. It is also compatible with Telstra's 4GX and Optus' 4G Plus networks on the 700 MHz B28 band.

Incorporating strong aluminium and stainless-steel components, the Comset ANT-MRN-5SP is suitable for operating in the worst sea weather conditions.

With the adjustable white nylon mounting bracket, it is easy to adjust the angle for a variety of vessel mounting requirements.

It is supplied with 5 metres of fitted low loss double shielded cable to minimize exposed connector joints and simplify cable management for easy installation.



# Specifications

## MODEL

- ANT-MRN-5SP

## ELECTRICAL DATA

### Frequency

- 698 MHz to 960 MHz
- 1710 MHz to 2700 MHz

### Operational Bands

- 2G, 3G, 4G, 4GX

### Peak Gain

- 4.5 dBi @ 700 MHz
- 4.5 dBi @ 850 MHz
- 5 dBi @ 900 MHz
- 6 dBi @ 1800 MHz
- 8 dBi @ 2100 MHz
- 9 dBi @ 2600 MHz

### Polarisation

- Vertical

### Voltage Standing Wave Ratio

- < 2.0

### Lightning Protection

- Direct Ground

### Max Input Power

- 20 W

### Radiation

- Omni

## MECHANICAL DATA

### Material

- Fibreglass
- Aluminium
- Stainless steel

### Colour

- White

### Height

- 660 mm

### Weight

- 0.7 kg

### Working Temperature

- -40 °C to 85 °C

### Cable

- CS29 Coax, double shielded RG58
- 5 mm diameter
- 5 m length
- SMA male connector

## MOUNTING DATA

### Fixing

- Wall mount
- Mast mount
- Desk mount

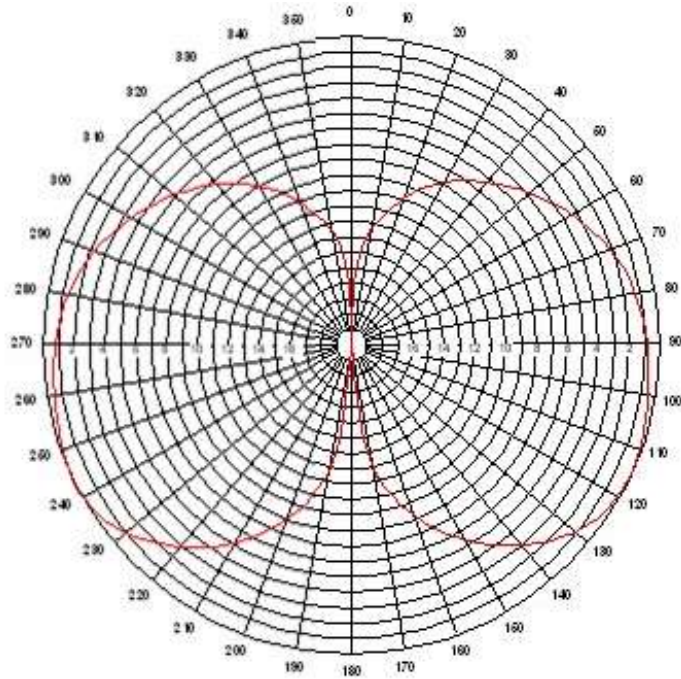
### Mounting Bracket

- Marine Nylon mount

## NETWORK COMPATIBILITY

Carrier	Frequency (MHz)	Band	Gain (dBi)	Compatible?
Telstra (4GX)	700	28	4.5	✓
Telstra 4G	1800	3	6.0	✓
Telstra 4G	2100	1	8.0	✓
Telstra 4G	2600	7	9.0	✓
Optus (4G Plus)	700	28	4.5	✓
Optus 4G	900	8	5.0	✓
Optus 4G	1800	3	6.0	✓
Optus 4G	2300	40	8.0	✓
Optus 4G	2600	7	9.0	✓
Vodafone (4G+)	850	5	4.5	✓
Vodafone 4G	900	8	5.0	✓
Vodafone 4G	1800	3	6.0	✓
Vodafone 4G	2100	1	8.0	✓
TPG 4G	700	28	4.5	✓
TPG 4G	2600	7	9.0	✓
NBN Co	2300	40	8.0	✓

**E-PLANE**



**H-PLANE**

