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# ZCG 4G L700 High Gain Marine Deck Mount Antenna, 700 to 788 MHz, 8 dBi, 4.5m SMA Male

SKU: ACC-ZC-00071 MPN: ZM24-4GX

#### Description

The ZCG 4G L700 High Gain Marine Deck Mount Antenna (ZM24-4GX) is a robust solution for marine communication needs, operating efficiently within the 700 to 788 MHz frequency range. With an 8 dBi peak gain and a VSWR of less than 1.8:1, this antenna ensures superior signal reception and transmission. Its collinear design, constructed from durable fibreglass (GRP), makes it suitable for harsh marine environments.

This antenna features a vertical polarisation and provides a comprehensive 360° azimuth beamwidth and a 13° elevation beamwidth, making it ideal for uninterrupted communication over vast areas. The antenna is equipped with an SMA male connector on a 4.5m RG-58 cable, ensuring reliable connectivity and ease of installation on marine decks.

Manufactured by ZCG Scalar, a trusted Australian brand with a legacy since 1970, the antenna reflects high-quality engineering and innovation. ZCG Scalar is renowned for its expertise in radio...

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ZCG Scalar™ is a world class radio frequency antenna designer, manufacturer and consulting organisation that offer an integrated approach to identifying RF solutions in partnership with client needs.

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# RF Specification

| Start Frequency:  | 700 MHz | Polarisation:    | Vertical (V) |
|-------------------|---------|------------------|--------------|
| Stop Frequency:   | 788 MHz | Input Impedance: | 50           |
| Max. Input Power: | 30 W    |                  |              |

### **RF Connectors**

| Ports | RF Interface | Cable Series | Length  |
|-------|--------------|--------------|---------|
| 1     | SMA Male     | RG-58        | 4500 mm |

## Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | VSWR    | Azimuth | Elevation |
|-------------|------------|-----------|---------|---------|-----------|
| 700 MHz     | 788 MHz    | 8.1 dBi   | < 1.8:1 | 360°    | 13°       |

# **Physical Specification**

| Subtype:     | Collinear | Dimensions: | 1800 x 25 (L x W) |
|--------------|-----------|-------------|-------------------|
| Input Ports: | 1         | Materials:  | Fibreglass (GRP)  |
| MIMO:        | 1x1 SISO  | Weight:     | 0.5 kg            |

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