

CXL 2400-1/...

Unity Gain Base Station and Marine 2400 MHz Antenna for Mounting on Threaded 1" Water pipe



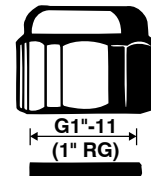
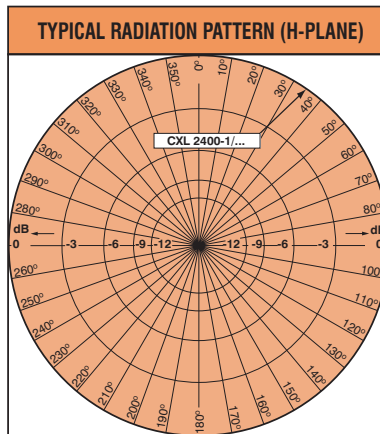
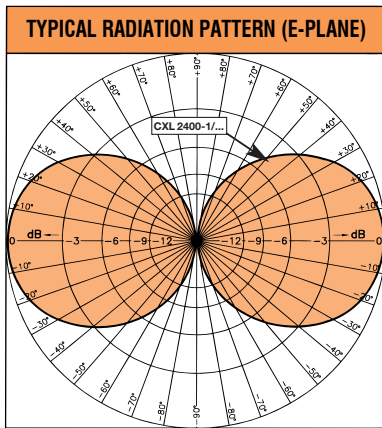
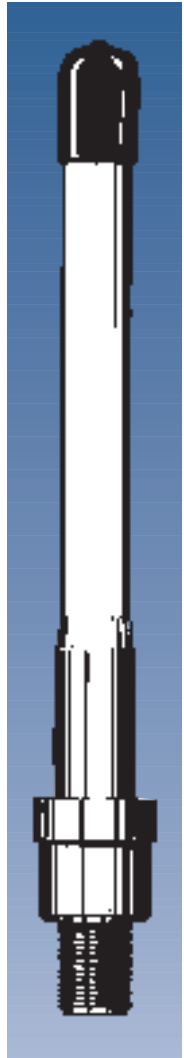
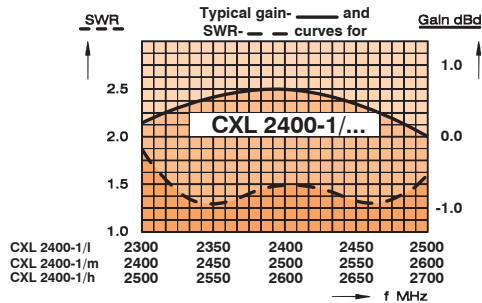
DESCRIPTION:

- ★ The CXL 2400-1/... is a 0 dBd, vertically polarised, omnidirectional rod-type base station and marine antenna for the 2400 MHz band.
- ★ The 1" revolving nut mounting system is standard throughout the marine sector, and several different mounting brackets are available, making it possible to install the antenna either on the masthead using FLG or SMR 2, side-mounted on the mast (SMR 1) or mounted on a cross-beam (FLG). Also, the antenna can be mounted on deck or rooftop by means of the FLG.
- ★ The higher the antenna is mounted, the better coverage. Avoid mounting the antenna parallel to or in the neighbourhood of other metal parts, such as masts, supporting wires etc., otherwise the SWR and the radiation pattern may be strongly influenced.
- ★ A conical glassfiber tube completely encloses the carefully designed radiating element to ensure long dependable service in all climates.

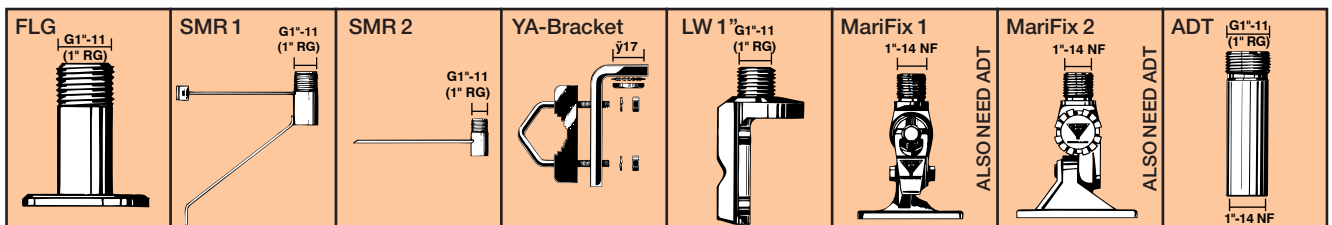
SPECIFICATIONS:

| ELECTRICAL | |
|--------------------|--|
| MODEL | CXL 2400-1/... |
| ANTENNA TYPE | 1/2 λ coaxial dipole, broad-banded |
| FREQUENCY | Models within 2300–2700 MHz |
| IMPEDANCE | Nom. 50 Ω |
| POLARISATION | Vertical |
| GAIN | 2 dBi 0 dBd |
| BAND WIDTH | ≥ 200 MHz @ SWR ≤ 2.0 |
| SWR | ≤ 2.0, typ. ≤ 1.5 |
| MAX. POWER | 100 watts |
| MECHANICAL | |
| TEMP. RANGE | -30° C → +70° C |
| CONNECTOR | N-female |
| WIND SURFACE | Approx. 0.006 m ² |
| WIND LOAD | Approx. 8 N @ 160 km/h |
| COLOUR | Marine white |
| MATERIALS | Shroud: Polyurethane coated glassfiber Mounting bracket: Chromed brass |
| TOTAL HEIGHT | Approx. 230 mm |
| DIA. IN TOP END | 14 mm |
| DIA. IN BOTTOM END | 16 mm |
| WEIGHT | Approx. 180 g |
| MOUNTING | On 1" RG (G1"-11) threaded water pipe or on optional mounting brackets (see below) |

| ORDERING DESIGNATIONS | |
|-----------------------|---------------|
| TYPE NO. | FREQUENCY |
| CXL 2400-1/l | 2300–2500 MHz |
| CXL 2400-1/m | 2400–2600 MHz |
| CXL 2400-1/h | 2500–2700 MHz |



ACCESSORIES: (to be ordered separately)



PROCOM A/S reserve the right to amend specifications without prior notice.