

CXL 2400-1/...

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



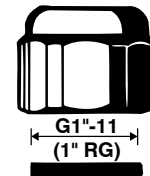
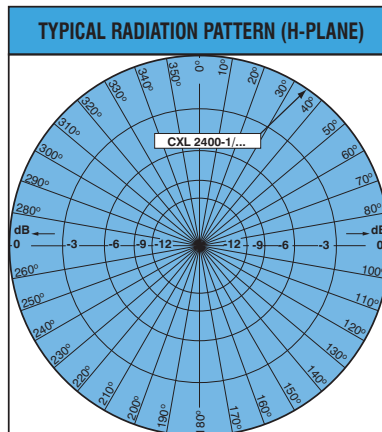
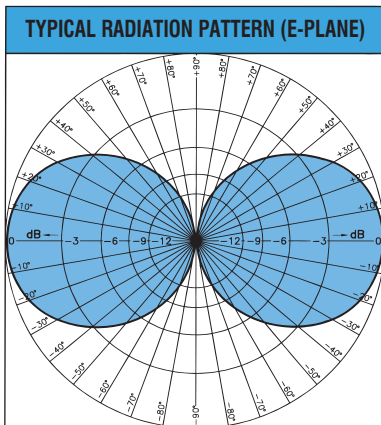
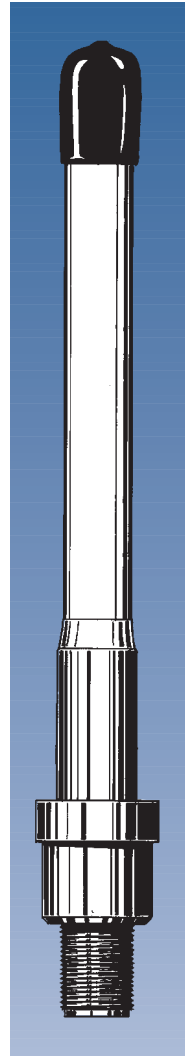
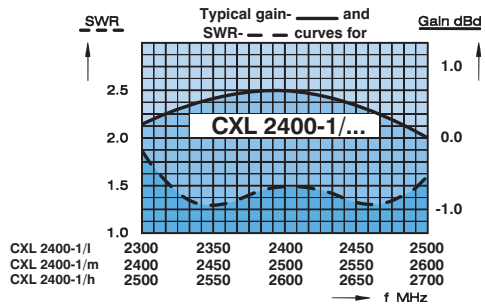
DESCRIPTION:

- ★ The CXL 2400-1/... is a 0 dBd, vertically polarised, omnidirectional rod-type marine and base station 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.

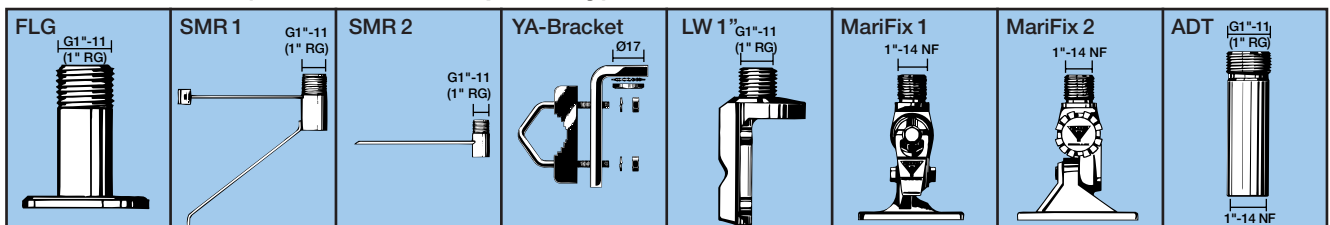
SPECIFICATIONS:

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)
BANDWIDTH	≥ 200 MHz at SWR ≤ 2.0
SWR	≤ 2.0, typ. ≤ 1.5
MAX. POWER	100 watt
MECHANICAL	
TEMP. RANGE	-30° C → +70° C
CONNECTOR	N-female
WIND SURFACE	Approx. 0.006 m ²
WIND LOAD	Approx. 6.1 N (at 150 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.