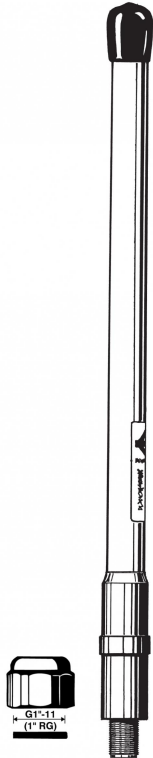


CXL 470-870

0 dBd Broad-Banded Base Station and Marine Antenna for the 470 - 870 MHz Band

DESCRIPTION

- Vertically polarized, omnidirectional base station and marine antenna.
- Approximately 0 dBd gain.
- Simple mounting using the 1" revolving nut system.
- Wide variety of accessory mounting brackets available.
- Large bandwidth (470 - 870 MHz) with respect to both SWR and gain.
- The antenna element is sealed in a high-quality, conical glass fibre tube.
- The CXL 470-870 is a vibration-proof, lightweight, slim-line, corrosion resistant, modern style base station and marine antenna.
- The CXL 470-870 is designed specially for both digital and analog communication systems.



ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
CXL 470-870	100000226

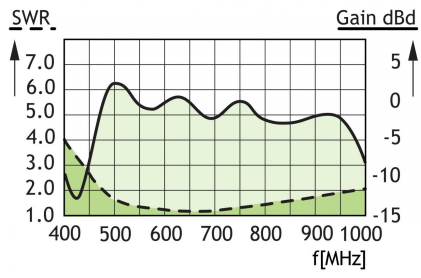
SPECIFICATIONS

ELECTRICAL	
MODEL	CXL 470-870
ANTENNA TYPE	Coaxial, collinear antenna, broad-banded
FREQUENCY	470 - 870 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	2 dBi 0 dBd ± 3 dB
BANDWIDTH	≥ 400 MHz
SWR	≤ 2.0
MAX. POWER	100 W
MECHANICAL	
TEMP. RANGE	-30° C → +70° C
CONNECTOR	N-female
WIND SURFACE	Approx. 0.013 m ²
WIND LOAD	Approx. 20 N @ 160 km/h
COLOUR	Marine white
MATERIALS	Shroud: Polyurethane-coated glass fibre Mounting bracket: Chromed brass
TOTAL HEIGHT	Approx. 600 mm
DIA. AT TOP END	22.5 mm
DIA. AT BOTTOM END	23 mm
WEIGHT	Approx. 350 g
MOUNTING	On 1" RG (G1" - 11) threaded water pipe or on optional mounting brackets (see below)

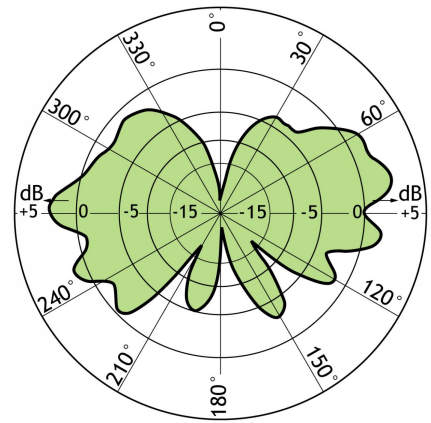
ACCESSORIES (to be ordered separately)

FLG 	SMR 1 	SMR 2 	YA-Bracket
LW 1" 	MariFix 1 <p>ALSO NEED ADT</p>	MariFix 2 <p>ALSO NEED ADT</p>	ADT

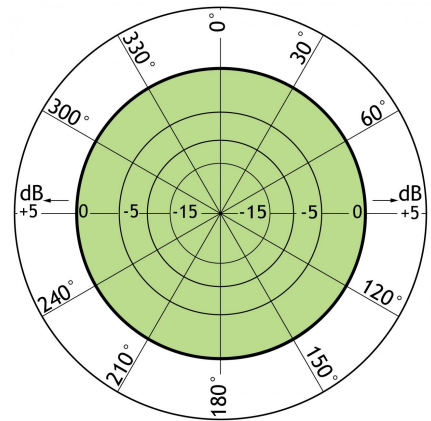
TYPICAL GAIN AND SWR CURVES



TYPICAL RADIATION PATTERN (E-PLANE)



TYPICAL RADIATION PATTERN (H-PLANE)



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

13/01/14