

# CXL 5700-3

3 dBd Omnidirectional Marine and Base Station Antenna for the 5700 MHz Band



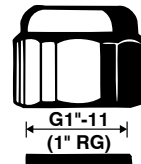
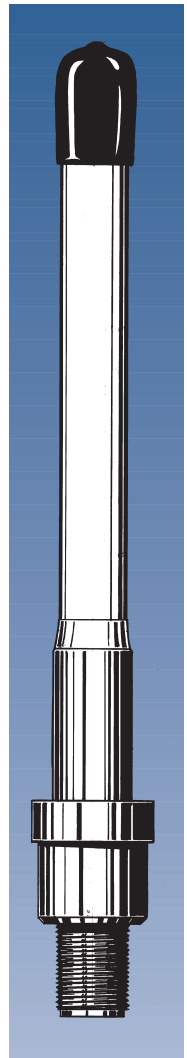
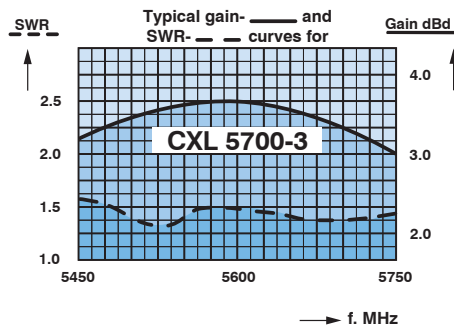
## DESCRIPTION:

- ★ Vertically polarised, omnidirectional marine and base station antenna.
- ★ Approximately 3 dBd gain.
- ★ Simple mounting using the 1" revolving nut system.
- ★ Wide variety of accessory mounting brackets available.
- ★ Large bandwidth with respect to both SWR and gain.
- ★ Highly suitable for duplex operation with large spacing between the TX and the RX frequencies.
- ★ The antenna element is sealed in a high-quality, conical glass fibre tube.
- ★ All metal parts in the antenna are DC-grounded to reduce the noise caused by atmospherical discharge. Consequently, the antenna shows a DC-short across the coaxial cable.
- ★ The CXL 5700-3 is a vibration-proof, lightweight, slim-line, corrosion resistant, modern style marine and base station antenna.

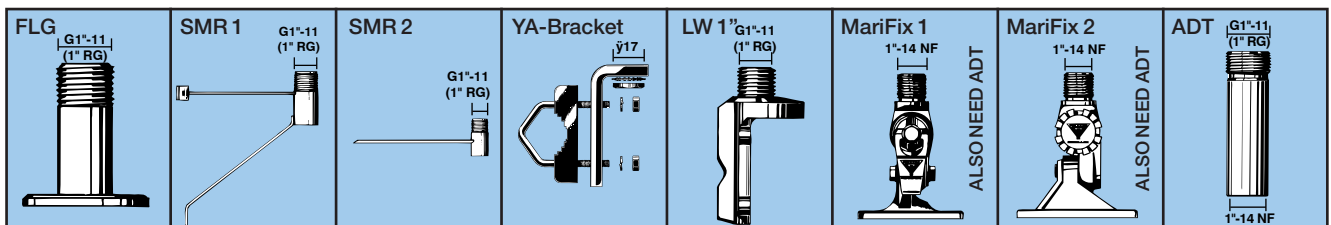
## SPECIFICATIONS:

ELECTRICAL	
MODEL	CXL 5700-3
ANTENNA TYPE	Coaxial, colinear antenna, broad-banded
FREQUENCY	5450-5750 MHz
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	5 dBi 3 dBd
BAND WIDTH	≥ 300 MHz @ SWR ≤ 2.0
SWR	≤ 1.5
MAX. POWER	100 W
ANTISTATIC PROTECTION	All metal parts DC-grounded (Connector shows a DC-short)
MECHANICAL	
TEMP. RANGE	-30° C → +70° C
CONNECTOR	N-female
WIND SURFACE	Approx. 0.005 m <sup>2</sup>
WIND LOAD	Approx. 6 N @ 160 km/h
COLOUR	Marine white
MATERIALS	Shroud: Polyurethane coated glass fibre Mounting bracket: Chromed brass
TOTAL HEIGHT	Approx. 330 mm
DIA. IN TOP END	14 mm
DIA. IN BOTTOM END	16 mm
WEIGHT	Approx. 200 g
MOUNTING	On 1" RG (G1"-11) threaded water pipe or on optional mounting brackets (see below)

ISM/WLAN



## ACCESSORIES: (to be ordered separately)



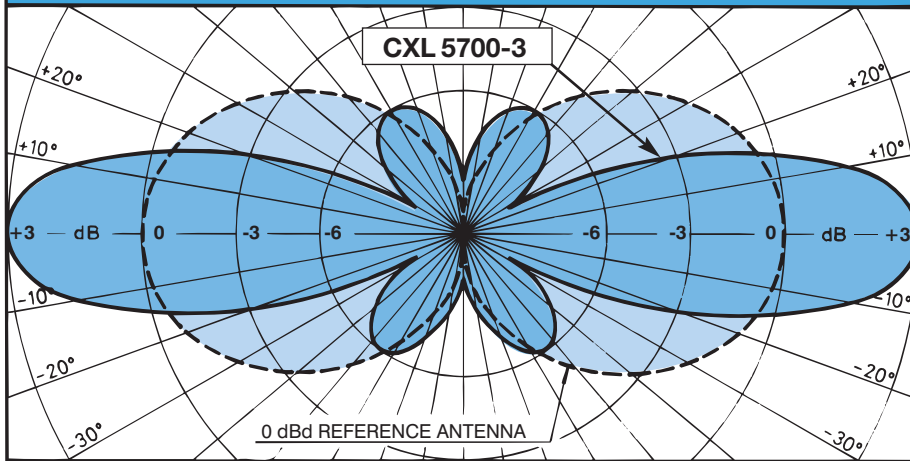
PROCOM A/S reserve the right to amend specifications without prior notice.

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## TYPICAL RADIATION PATTERN (E-PLANE)



## TYPICAL RADIATION PATTERN (H-PLANE)

