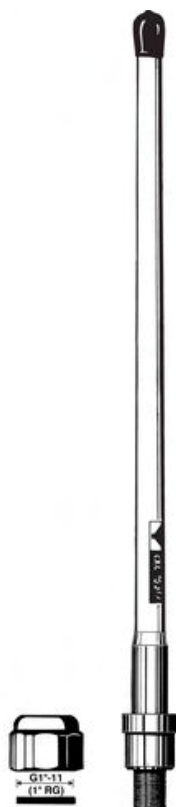


# CXL 5200-6

6 dBd Omnidirectional Base Station and Marine Antenna for the 5200 MHz Band

## DESCRIPTION

- Vertically polarised, omnidirectional base station and marine antenna.
- Approximately 6 dBd gain.
- Simple mounting using the 1" revolving nut system.
- Wide variety of accessory mounting brackets available.
- 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 5200-6 is a vibration-proof, lightweight, slim-line, corrosion resistant, modern style base station and marine antenna.

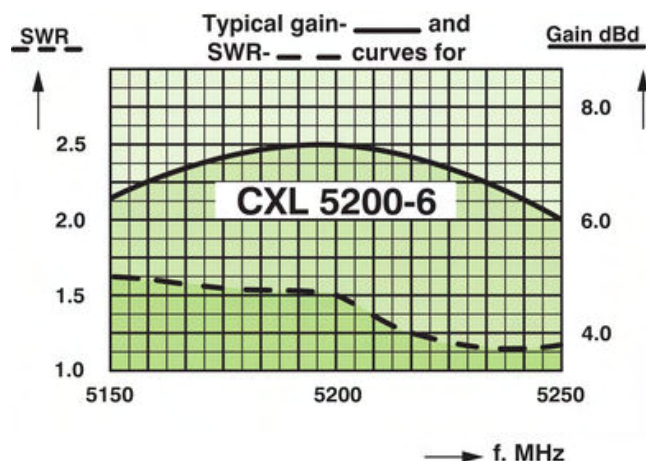


## ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
CXL 5200-6	100000216

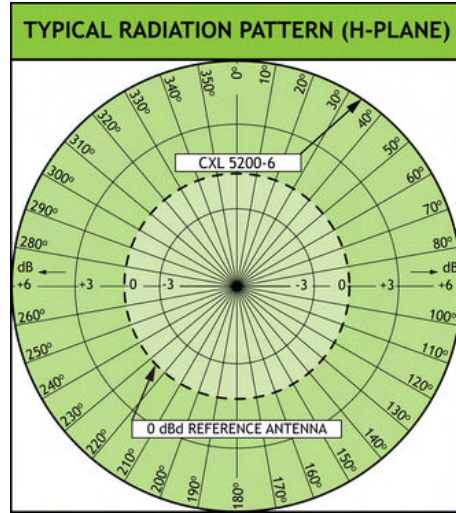
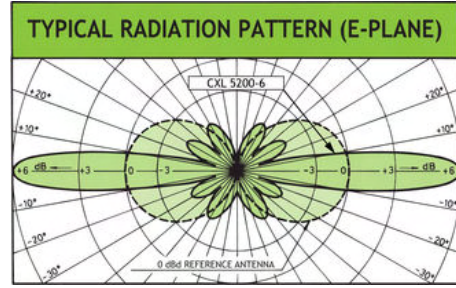
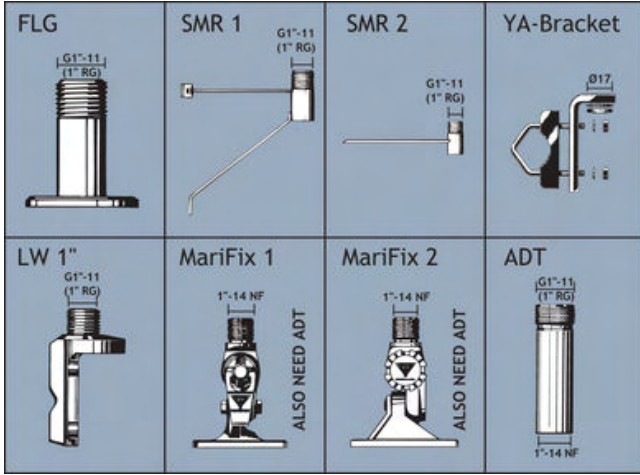
## SPECIFICATIONS

ELECTRICAL	
MODEL	CXL 5200-6
ANTENNA TYPE	Coaxial, colinear antenna, broad-banded
FREQUENCY	5150 - 5250 MHz
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	8 dBi 6 dBd
BAND WIDTH	≥ 100 MHz @ SWR ≤ 2.0
SWR	≤ 2.0
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. 0.007 m <sup>2</sup>
WIND LOAD	Approx. 9 N @ 160 km/h
COLOUR	Marine white
MATERIALS	Shroud: Polyurethane coated glass fibre Mounting bracket: Chromed brass
TOTAL HEIGHT	Approx. 420 mm
DIA. AT TOP END	13 mm
DIA. AT BOTTOM END	16 mm
WEIGHT	Approx. 200 g
MOUNTING	On 1" RG (G1"-11) threaded water pipe or on optional mounting brackets



**ACCESSORIES**

(to be ordered separately)



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

11/06/2009