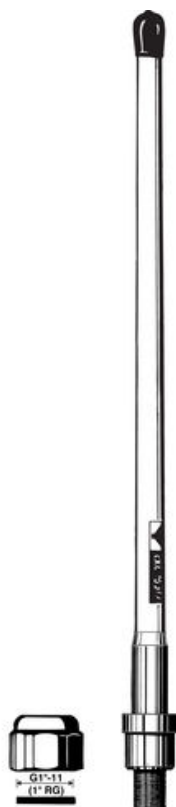


CXL 5700-6

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

DESCRIPTION

- Vertically polarized, omnidirectional base station and marine antenna.
- Approximately 6 dBd gain.
- 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.
- The CXL 5700-6 is a vibration-proof, lightweight, slim-line, corrosion resistant, modern style base station and marine antenna.



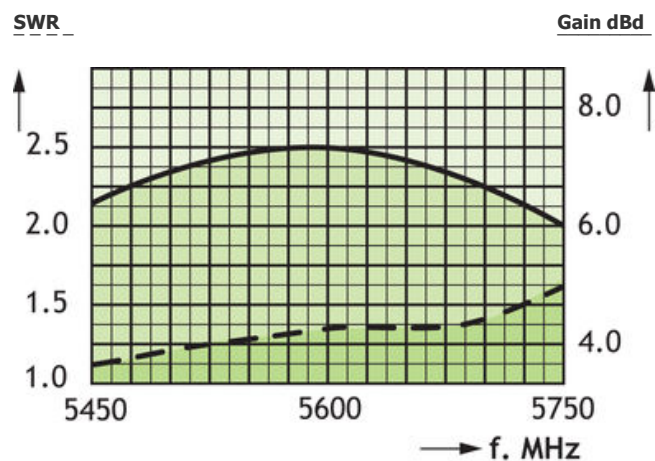
ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
CXL 5700-6	100000291

SPECIFICATIONS

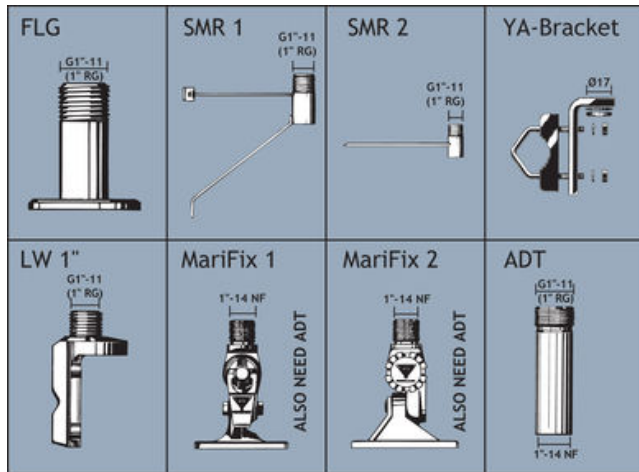
ELECTRICAL	
MODEL	CXL 5700-6
ANTENNA TYPE	Coaxial, colinear antenna, broad-banded with 3 - 5° electrical downtilt
FREQUENCY	5450 - 5750 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	8 dBi 6 dBd
BANDWIDTH	≥ 300 MHz @ SWR ≤ 2.0
SWR	≤ 2.0
MAX. POWER	100 W
ANTISTATIC PROTECTION	All metal parts DC-grounded (Connector shows a DC-short)
MECHANICAL	
TEMP. RANGE	-30°C → +70°C
CONNECTOR	N-female
WIND SURFACE	Approx. 0.007 m ²
WIND LOAD	Approx. 10 N @ 160 km/h
COLOUR	Marine white
MATERIALS	Shroud: Polyurethane-coated glass fibre Mounting bracket: Chromed brass
TOTAL HEIGHT	Approx. 378 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

TYPICAL GAIN AND SWR CURVES

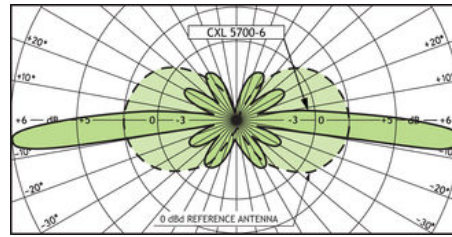


ACCESSORIES

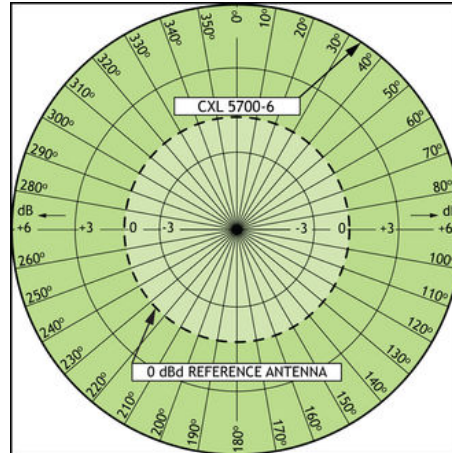
(to be ordered separately)



TYPICAL RADIATION PATTERN (E-PLANE)



TYPICAL RADIATION PATTERN (H-PLANE)



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

09/03/2010