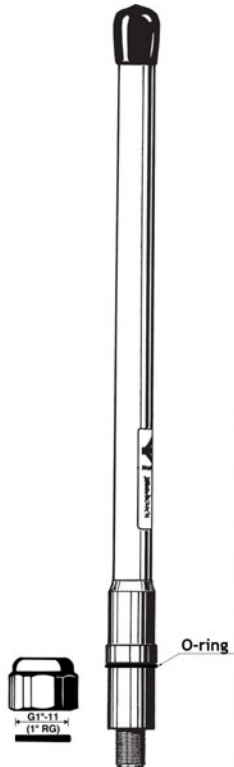


CXL 900/1800/1900/UMTS

Quadruple-Band Base Station and Marine Antenna for the 900 MHz, 1800 MHz, 1900 MHz and the 2000 MHz Bands

DESCRIPTION

- Quadruple-Band base station and marine antenna – four bands with only one antenna.
- Covering both GSM/NMT-900, DCS-1800/PCN (GSM 900/1800) PCS-1900 and UMTS.
- Particularly suitable for use with triple-band mobile phones.
- Unity gain on all bands.
- Simple mounting using the 1" revolving nut system.
- Wide variety of accessory mounting brackets available.



ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
CXL 900/1800/1900/UMTS	110000230

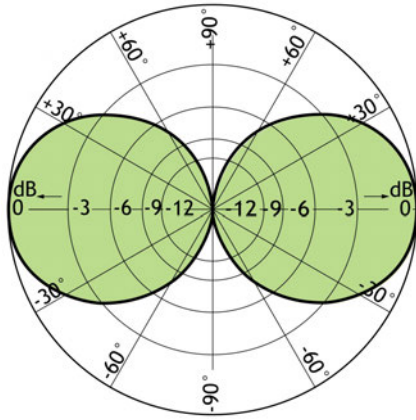
SPECIFICATIONS

ELECTRICAL	
MODEL	CXL 900/1800/1900/UMTS
ANTENNA TYPE	Quadruple-Band base station and marine antenna
FREQUENCY	800-960 MHz/1710-1880 MHz/1850-1990 MHz/ 1900-2200 MHz (GSM 900/DCS-1800/PCS-1900/UMTS)
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	Approx. 0 dBd (all bands)
SWR	GSM @ ≤ 2.0 DCS-1800 @ ≤ 2.0 PCS-1900 @ ≤ 3.0 UMTS @ ≤ 3.0
MAX. POWER	100 W
MECHANICAL	
TEMP. RANGE	-30°C → +70°C
CONNECTOR	N-female
WIND SURFACE	Approx. 0.013 m ²
WIND LOAD	Approx. 17 N @ 160 km/h
COLOUR	Marine white
MATERIALS	Shroud: Polyurethane-coated glass fibre Mounting bracket: Chromed brass
TOTAL HEIGHT	Approx. 450 mm
DIA. IN TOP END	21 mm
DIA. IN BOTTOM END	23 mm
WEIGHT	Approx. 300 g
MOUNTING	On 1" RG (G1" - 11) threaded water pipe or on optional mounting brackets (see below)

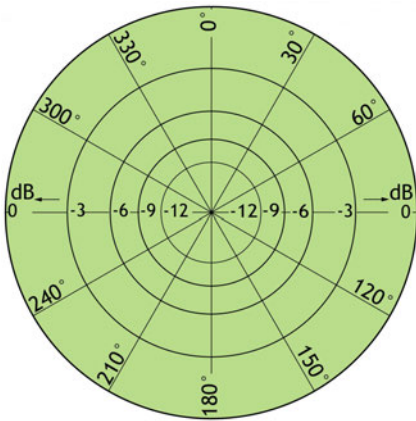
ACCESSORIES (to be ordered separately)

FLG 	SMR 1 	SMR 2 	YA-Bracket
LW 1" 	MariFix 1 	MariFix 2 	ADT

TYPICAL RADIATION PATTERN (E-PLANE)



TYPICAL RADIATION PATTERN (H-PLANE)



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

26/01/12