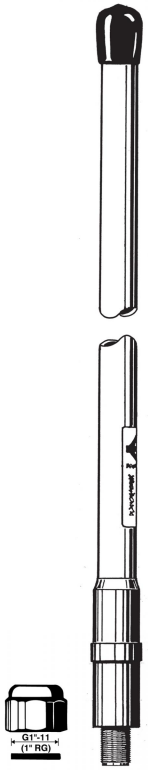
CXL 1800-6/DECT

6 dBd Omnidirectional Base Station and Marine Antenna for the DECT Band

DESCRIPTION

- Vertically polarized, omnidirectional base station and marine antenna.
- Approximately 6 dBd gain.
- The CXL 1800-6/DECT is especially suitable for the DECT band.
- To substantially reduce noise caused by atmospherical discharges, alle metal parts in the antenna are DC-grounded. Consequently, the antenna shows a DC-short across the coaxial cable.
- Simple mounting using the 1" revolving nut system.
- Wide variety of accessory mounting brackets available.



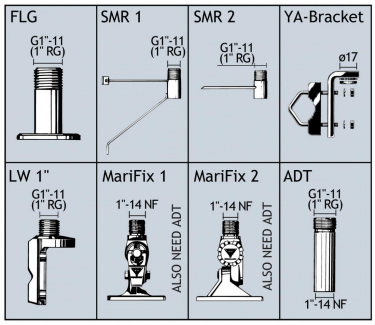
ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
CXL 1800-6/DECT	100000189

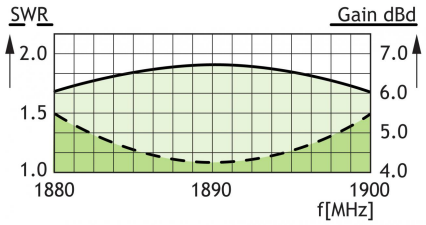
SPECIFICATIONS

ELECTRICAL	
MODEL	1800-6/DECT
ANTENNA TYPE	Coaxial, collinear antenna
FREQUENCY	1880 - 1900 MHz (DECT)
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	8 dBi 6 dBd
BANDWIDTH	≤ 20 MHz @ SWR ≤ 1.5
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. 0.03 m²
WIND LOAD	Approx. 38 N @ 160 km/h
COLOUR	Marine white
MATERIALS	Shroud: Polyurethane-coated glass fibre Mounting bracket: Chromed brass
TOTAL HEIGHT	Approx. 1.15 m
DIA. IN TOP END	21 mm
DIA. IN BOTTOM END	23 mm
WEIGHT	Approx. 700 g
MOUNTING	On 1" RG (G1"-11) threaded water pipe or on optional mounting brackets (see below)

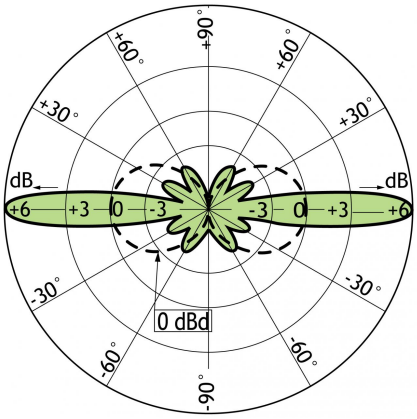
ACCESSORIES (to be ordered separately)



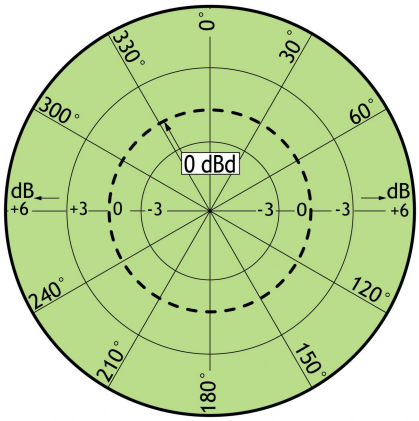
TYPICAL GAIN AND SWR CURVES



TYPICAL RADIATION PATTERN (E-PLANE)



TYPICAL RADIATION PATTERN (H-PLANE)



PROCOM France S.A.R.L. se réserve le droit d'améliorer les spécifications sans préavis.

03/10/11