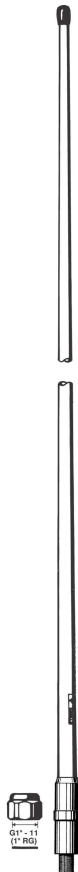


CXL 230-3/DAB

3 dBd Colinear Base Station and Marine DAB Antenna

DESCRIPTION

- This antenna is especially developed for the DAB (Digital Audio Broadcast) band and it is used when more gain is required than obtainable with standard $\frac{1}{2} \lambda$ dipoles.
- The higher the antenna is mounted, the better coverage. Avoid mounting the antenna parallel with or in the neighbourhood of other metal parts, such as masts, supporting wires etc. The antenna needs no ground-plane, radials nor other auxiliary arrangements.
- A conical glass fibre tube completely encloses the carefully designed radiating element to ensure long dependable service in all climates.



ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
CXL 230-3/DAB	100000083

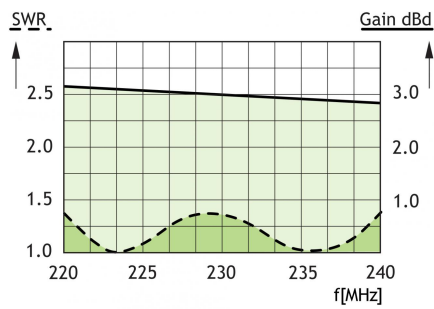
SPECIFICATIONS

ELECTRICAL	
MODEL	CXL 230-3/DAB
ANTENNA TYPE	Omnidirectional coaxial collinear
FREQUENCY	223 - 240 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	5 dBi 3 dBd
BANDWIDTH	17 MHz
SWR	< 1.5
MAX. POWER	150 W
MECHANICAL	
TEMP. RANGE	-30° C \rightarrow +70° C
CONNECTOR	UHF-female
WIND SURFACE	0.0385 m ²
WIND LOAD	67 N @ 160 km/h
COLOUR	Marine white
MATERIALS	Shroud: Polyurethane-coated glass fibre Mounting bracket: Chromed brass
TOTAL HEIGHT	Approx. 2.0 m
WEIGHT	Approx. 1 kg
MOUNTING	On 1" RG (G1" - 11) threaded water pipe or on optional mounting brackets (see below)

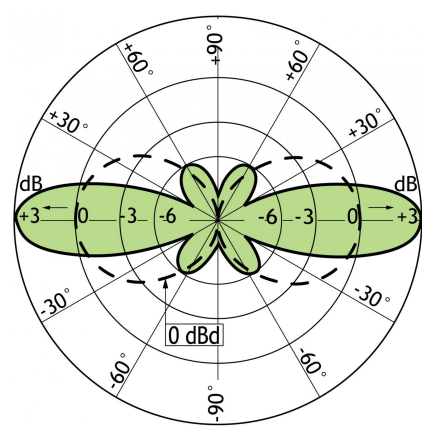
ACCESSORIES (to be ordered separately)

FLG G1"-11 (1" RG)	SMR 1 G1"-11 (1" RG)	SMR 2 G1"-11 (1" RG)	YA-Bracket ø17
LW 1" G1"-11 (1" RG)	MariFix 1 1"-14 NF ALSO NEED ADT	MariFix 2 1"-14 NF ALSO NEED ADT	ADT G1"-11 (1" RG) 1"-14 NF

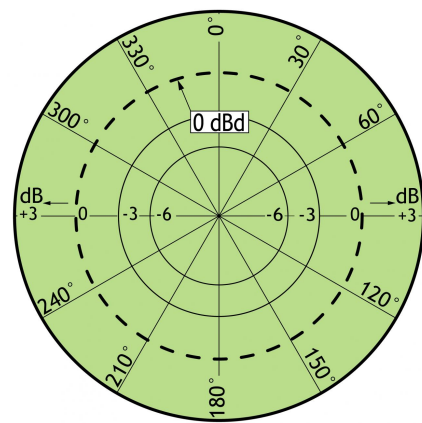
TYPICAL GAIN AND SWR CURVES



TYPICAL RADIATION PATTERN (E-PLANE)



TYPICAL RADIATION PATTERN (H-PLANE)



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d'améliorer les spécifications sans préavis.
10/11/11