

CXL 230-3/DAB

3 dBd Colinear Base Station and Marine DAB Antenna



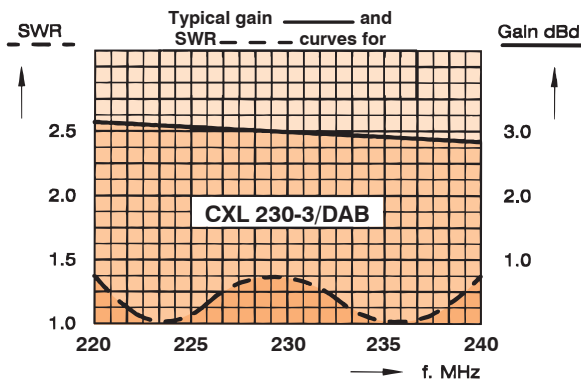
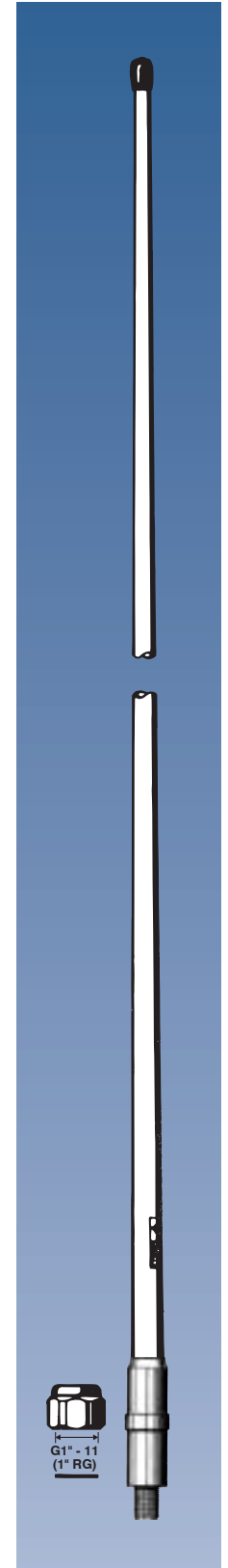
DESCRIPTION:

- ★ 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 $1/2 \lambda$ 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 glassfiber tube completely encloses the carefully designed radiating element to ensure long dependable service in all climates.

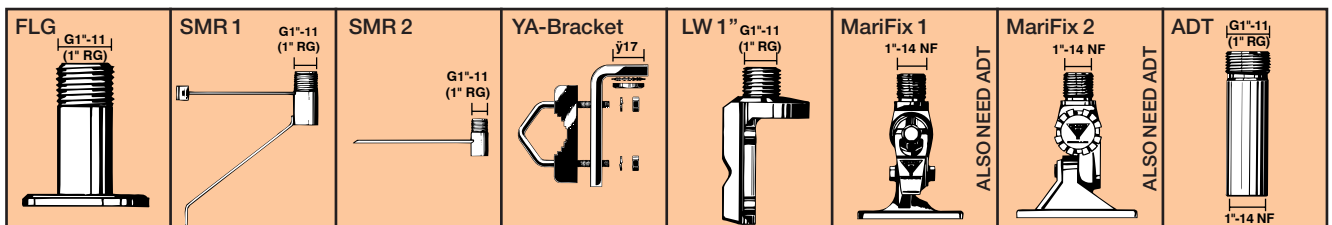
SPECIFICATIONS:

ELECTRICAL	
MODEL	CXL 230-3/DAB
ANTENNA TYPE	Omnidirectional coaxial colinear
FREQUENCY	223-240 MHz
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	5 dBi 3 dBd
BAND WIDTH	17 MHz
SWR	< 1.5
MAX. POWER	150 watts
MECHANICAL	
TEMP. RANGE	-30° C → +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 glassfiber Mounting bracket: Chromed brass
TOTAL HEIGHT	Approx. 1.9 m
WEIGHT	Approx. 1 kg
MOUNTING	On 1" RG (G1"-11) threaded water pipe or on optional mounting brackets (see below)

DAB



ACCESSORIES: (to be ordered separately)

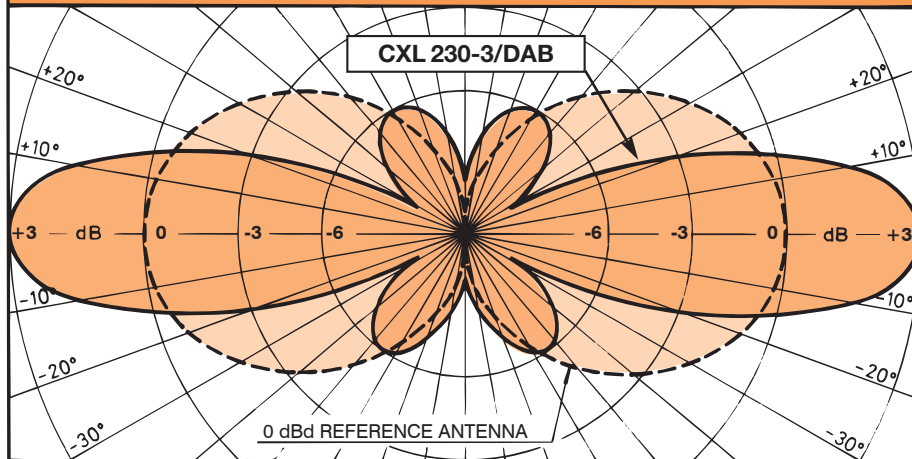


PROCOM A/S reserve the right to amend specifications without prior notice.

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TYPICAL RADIATION PATTERN (E-PLANE)



DAB

TYPICAL RADIATION PATTERN (H-PLANE)

