

# CXL 230-3/DAB

## 3 dBd Colinear Marine and Base Station DAB Antenna

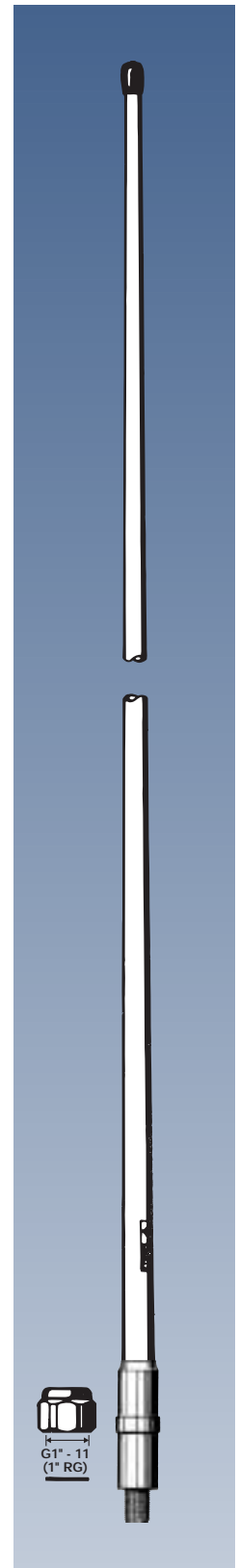
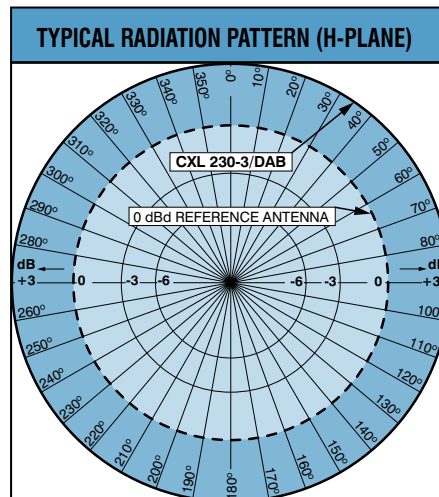
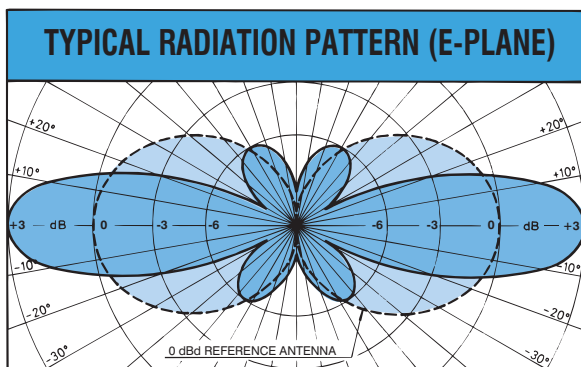
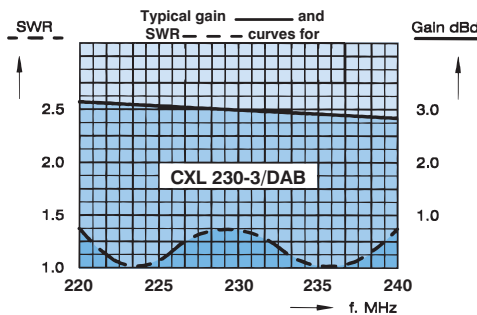


### DESCRIPTION:

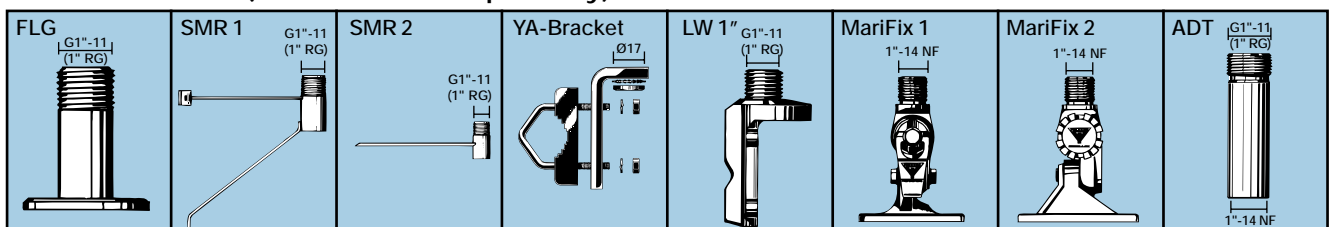
- ★ This antenna is especially developed for the DAB (Digital Audio Broadcast) band and it is used when more gain is required than obtainable with standard  $1/2 \lambda$  dipoles.
- ★ The higher the antenna is mounted, the better coverage. Avoid mounting the antenna parallel with or in the neighbourhood 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 $\Omega$
POLARISATION	Vertical
GAIN	5 dBi 3 dBd
BANDWIDTH	17 MHz
SWR	< 1.5
MAX. POWER	150 watt
MECHANICAL	
TEMP. RANGE	-30° C i +70° C
CONNECTOR	UHF-female
COLOUR	Marine white
WIND SURFACE	0.0527 m <sup>2</sup>
WIND LOAD	58.5 N (at 150 km/h)
TOTAL HEIGHT	Approx. 2.60 m
WEIGHT	Approx. 1 kg
MOUNTING	On 1" RG (G1"-11) threaded mast tube or on mounting brackets FLG, SMR 1, SMR 2 or SM 2-1 (See Accessories)



### ACCESSORIES: (to be ordered separately)



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