

## Colinear, 5 dBd Base Station and Marine Antenna for the 450 MHz Band

### DESCRIPTION

- CXL 70-5C/... is a 5 dBd, vertically polarized, omnidirectional base station and marine antenna, which covers within 350 - 620 MHz band in 9 models.
- The antenna is provided with our "C" universal fixation bracket made of epoxy-coated, seawater resistant aluminium. The accompanying U-bolts and fittings are made of stainless steel.
- CXL 70-5C/... can be mounted on 27 to 65 mm dia. mast tubes and it is possible to lead the cable either along the inside or on the outside of the mast tube.
- The carefully designed radiating element is sealed in a high-quality, conical glass fibre tube with low wind-load, which will ensure performance undisturbed by corrosive environments.
- To substantially reduce noise caused by atmospherical discharges, all metal parts in the antenna are DC-grounded. Consequently, the antenna shows a DC-short across the coaxial cable.
- The exceptional mechanical capabilities of this antenna ensure long dependable service in all environments.

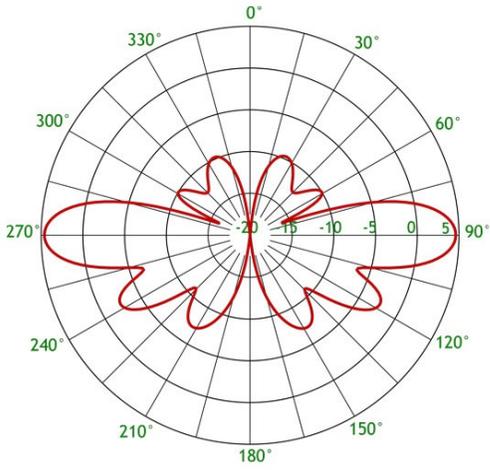


### ORDERING

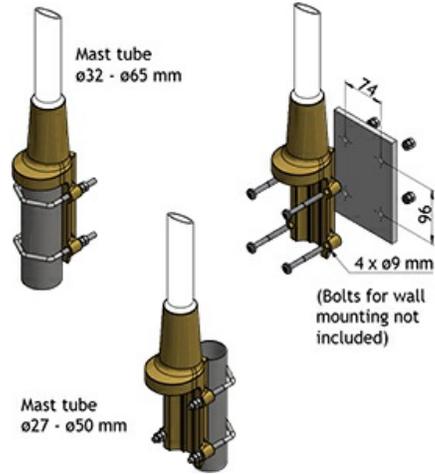
Type	Product No.	Frequency
CXL 70-5C/l	100000593	350 - 370 MHz
CXL 70-5C/ss	100000594	360 - 390 MHz
CXL 70-5C/s	100000120	380 - 410 MHz
CXL 70-5C/f	100000115	406 - 430 MHz
CXL 70-5C/l	100000118	420 - 450 MHz
CXL 70-5C/h	100000117	440 - 470 MHz
CXL 70-5C/hh	100000595	470 - 490 MHz
CXL 70-5C/vh	100000596	490 - 520 MHz
CXL 70-5C/uh	100000597	590 - 614 MHz



Typical radiation pattern (E-Plane)



Multi-purpose mounting bracket



Typical radiation pattern (H-Plane)

