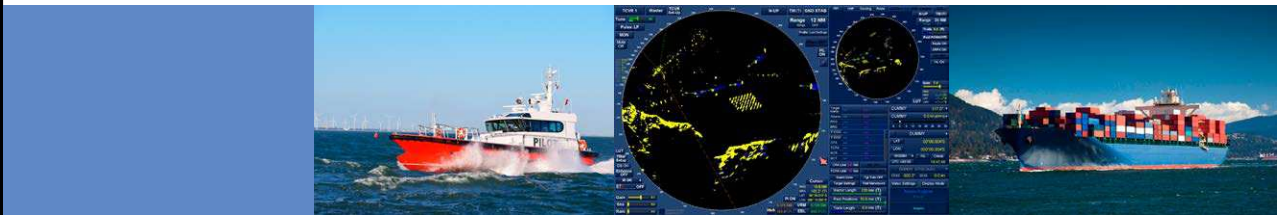


X-BAND NAVIGATION RADAR

UPMAST 12kW RADAR TRANSCEIVER



The 12kW X-band upmast magnetron radar features improved target resolution and beam sharpening. The commercial shipping X-band series is designed to provide cost effective type approved radar in a lightweight package meeting IMO requirements.

Increased gain and a narrow beam width of the antenna offers greater range and bearing resolution for improved performance and target separation. The compact lightweight design is easy to install with a single waterproof connector and includes an integral health monitor.



FEATURES

IMPROVED PERFORMANCE AND TARGET SEPARATION
IMO TYPE APPROVAL (IEC 62388, MSC192/79)
BLANKING SECTOR
LOW NOISE TRANSCEIVER
UPMAST - INTEGRATED TRANSCEIVER AND TURNING MECHANISM
SINGLE CABLE
EASY TO INSTALL

SYSTEMS

CMX12-22	X-BAND 12kW RADAR SYSTEM WITH 22" DISPLAY
CMX12-26	X-BAND 12kW RADAR SYSTEM WITH 26" DISPLAY

SPECIFICATION

FREQUENCY BAND	X-BAND
FREQUENCY	9.4 GHz
PEAK POWER	12kW
MAGNETRON LIFE	10,000 HRS TYPICAL
SIGNAL PROCESSING	N/A
RECEIVER IF FREQUENCY	75MHz
MINIMUM RANGE	< 40m
ANTENNA LENGTH	1.9m
MASS	29kg



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