



Norsat MarineLink™ COM15X

Norsat MarineLink™ COM terminals are the latest in a series of maritime VSAT terminals. The MarineLink COM series provides reliable satellite communications at sea with a 2048 kb/s downlink and 512 kb/s uplink. The MarineLink's 3-axis operating platform and 360 degree high speed tracking design ensures a reliable link in even the most rugged conditions. With its simple setup and pre-programmed satellite almanac, staff with minimal training can have a MarineLink system up and transmitting in just a matter of minutes

The Norsat Advantage

Norsat's 40 years of communication expertise is now available at sea. Norsat MarineLink COM terminals offer a complete, sophisticated solution in a user-friendly package. Norsat's well-established support network ensures the highest quality of service and support.

Flexible. Intelligent. Tough.

Norsat MarineLink COM systems offer the highest reception gain available in the market. All MarineLink systems feature universal LNBs for global coverage. MarineLink COM systems feature rugged, commercial-grade design and undergo extensive quality and safety tests.



Above Deck

Dish Diameter	150 cm (59")
Antenna Dimension	247 cm (H) x 254 cm (D)
Antenna Weight	250 kg (not including RF)
Radome Material	FRP
Frequency	Tx : 7.9 - 8.4 GHz Rx : 7.25 - 7.75 GHz
Antenna Gain	Tx : 40 dBi @ 8.15 GHz Rx : 39 dBi @ 7.5 GHz
G/T	>17 dB/K (@ 10deg. Elevation angle, Clear Sky)
BUC	80W
LNB	External Reference
Operating Platform	3-Axis
Skew Control	Automatic (-95° to +95°)
Elevation Angle	-20° ~ +110°
Azimuth Angle	Unlimited
Cross Angle	±35°
Ship Motion	Roll : ±24°, 8 - 12 sec period Pitch : ±14°, 6 - 12 sec period Yaw : ±8°, 15 - 20 sec period
Tracking Speed	More than 90°/sec
Vibration Damper	Rubber Damper
Temperature	-20° to +55° C
Humidity	Up to 100% @ 40° C
Antenna Input Power	Tx : 48V, 3.2A Rx : 48V, 2.3A

Below Deck

ACU Size	19" Rack 1U size
External I/O	RS232C, mini-USB, Ethernet
Gyro Interface	NMEA, Synchro, Step by Step
Input Power	100 to 240VAC, 50/60Hz, 4.5A
Output power	Tx : 48V, 3.2A Rx : 48V, 2.3A

Packing

Size	229 x 229 x 240 cm
Gross Weight	690 kg
Packed by	Wooden Crate