



### Norsat MarineLink™ COM7

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 35 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

<b>Dish Diameter</b>	75 cm (30")
<b>Antenna Dimension</b>	93 cm (H) x 97 cm (D)
<b>Antenna Weight</b>	67 Kg (Based on 4W BUC)
<b>Radome Material</b>	FRP
<b>Frequency</b>	Tx : 14.0 ~ 14.5 GHz Ku Band Rx : 10.95 ~ 12.75 GHz Ku Band
<b>Antenna Gain</b>	Rx : 37.6 dBi @ 11.85 GHz Tx : 39.0 dBi @ 14.25 GHz
<b>G/T</b>	16 dB/K @ 30deg. Elevation angle and 12.0 GHz Frequency
<b>BUC</b>	4W, 6W, 8W (option)
<b>LNB</b>	Linear / Internal PLL
<b>Operating Platform</b>	3-Axis
<b>Skew Control</b>	Automatic (-95° to +95°)
<b>Elevation Angle</b>	-10° ~ +100°
<b>Azimuth Range</b>	Unlimited
<b>Cross Angle</b>	±35°
<b>Ship Motion</b>	Roll : ±35° / Pitch : ±15°
<b>Tracking Speed</b>	More than 90°/sec.
<b>Vibration Damper</b>	Rubber Damper
<b>Temperature</b>	-20° to +55° C
<b>Humidity</b>	Up to 100% @ 40° C
<b>Antenna Input Power</b>	Tx : 48V, 3.2A Rx : 48V, 2.3A

#### Below Deck

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

#### Certifications

<b>Vibration</b>	MIL-STD-167/1
<b>EMC</b>	MIL-STD-461

