



PHASE III™

VHF, AM/FM
AIS, HF/SSB ANTENNAS

Products: 6400-R, 6225-R, 6018-R, 6420-R, 6235-R, 6396-AIS-R, 6390-R

These antennas are designed to endure the harsh environment and communication requirements in commercial, law enforcement and disaster management applications. They are backed by an industry-leading 8 year warranty to give you the peace of mind that no other antenna will last longer.

Whether you install it on a vessel, base station, or a stationary platform, these antennas provide a host of mounting options to fit your need. And with their SO-239 quick connecting feature, simply screw and unscrew your antenna without the hassle of twisting or re-installing cables.

Always stay connected with maximum performance and quality.



Features:

- Silver plated elements
- Ethafoam spacer system
- Stainless steel mounting sleeve
- SO-239 quick connect
- 12-sided facet
- 8 year commercial warranty

Benefits:

- For maximum electrical efficiency that improves with age
- Isolates the radiators from vibration for long, dependable service
- Greater durability and prevents rust
- Remove or install the antenna without twisting or reinstalling the coax cable
- Indexes and prevents the antenna from rotating during installation
- Provides peace of mind



TECHNICAL SPECIFICATIONS

Product Number:	6400-R	6225-R	6018-R	6420-R
Frequency Band	VHF	VHF	VHF	AM/FM
Height	4' (1.21m)	8' (2.43m)	18' (5.48m)	4' (1.21m)
Weight	7lb (3.17kg)	9lb (4kg)	20lb (9kg)	7lb (3.17kg)
Gain	3dB	6dB	8dB	N/A
Connector Type	SO-239	SO-239	SO-239	N-Connector
Suggested Mounting	4187-HD	4187-HD	409-R or 410-R	4187-HD
Boat Length	14 - 22' (4.2 - 6.7m)	≥22' (6.7m)	≥22' (6.7m)	All
UPS Shippable	Yes	Yes	No	Yes
SWR	<1.5:1 at 156.8 MHz	<1.5:1 at 156.8 MHz	<1.5:1 at 156.8 MHz	N/A
Bandwidth	3 MHz within 2.0:1 VSWR	3 MHz within 2.0:1 VSWR	3 MHz within 2.0:1 VSWR	N/A
Impedance	50 ohms	50 ohms	50 ohms	93 ohms
Max Input Power	150 w	150 w	150 w	N/A
DC Ground	No	Yes	No	N/A

See reverse

**TECHNICAL SPECIFICATIONS**

Product Number:	6235-R	6396-AIS-R	6390-R
Frequency Band	AM/FM	AIS	HF/SSB
Height	8' (2.43m)	4' (1.21m)	18' (5.48m)
Weight	9lb (4kg)	5lb (2.26kg)	20lb (9kg)
Gain	N/A	3dB	N/A
Connector Type	N-Connector	SO-239	Side-feed terminal
Suggested Mounting	4187-HD	4187-HD	409-R & 410-R
Boat Length	All	All	≥22' (6.7m)
UPS Shippable	Yes	Yes	No
SWR	N/A	<1.5:1 at 162 MHz	N/A
Bandwidth	N/A	5 MHz within 2.0:1 VSWR	2-30 MHz with tuner (not supplied)
Impedance	93 ohms	50 ohms	N/A
Max Input Power	N/A	50 w	1000 w
DC Ground	N/A	Yes	N/A