



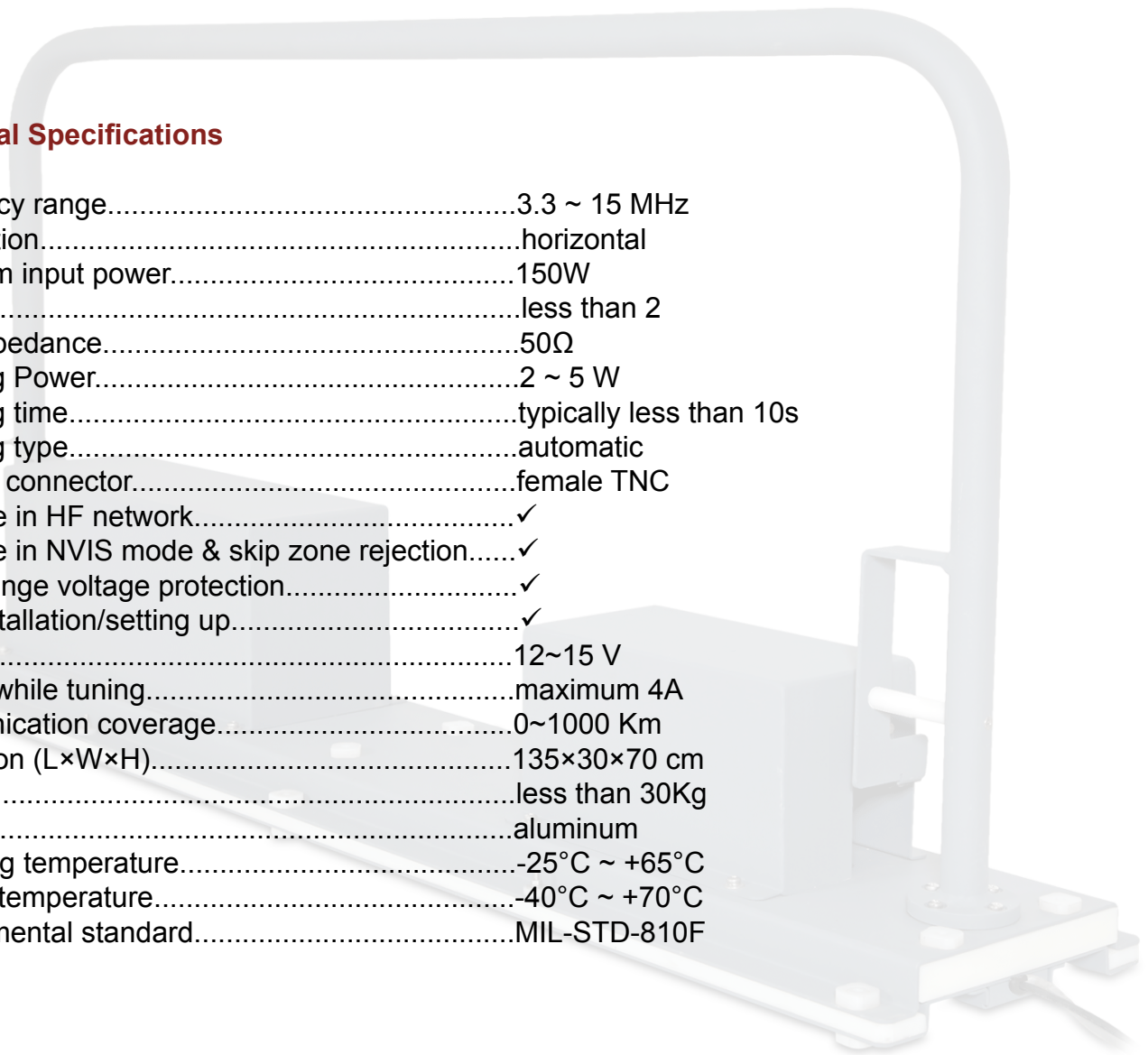
NVA-211/E

NVIS Antenna

This antenna has been designed and manufactured for marine NVIS operation. Using the antenna, communication can be established in 0 ~ 1000 km distance without skip zone.

NVA-211/E is a high efficiency NVIS antenna in the HF frequency band. It is tuned automatically and used where the antenna should be camouflaged. Considering proper base, this antenna can be installed on various boats. In addition, it can be used as a roof rack noting safety considerations. Automatic erecting/lowering is another advantage of the antenna.

Technical Specifications



Frequency range.....	3.3 ~ 15 MHz
Polarization.....	horizontal
Maximum input power.....	150W
VSWR.....	less than 2
Input impedance.....	50Ω
Matching Power.....	2 ~ 5 W
Matching time.....	typically less than 10s
Matching type.....	automatic
RF input connector.....	female TNC
Operable in HF network.....	✓
Operable in NVIS mode & skip zone rejection.....	✓
Out of range voltage protection.....	✓
Easy installation/setting up.....	✓
Supply.....	12~15 V
Current while tuning.....	maximum 4A
Communication coverage.....	0~1000 Km
Dimension (L×W×H).....	135×30×70 cm
Weight.....	less than 30Kg
Material.....	aluminum
Operating temperature.....	-25°C ~ +65°C
Storage temperature.....	-40°C ~ +70°C
Environmental standard.....	MIL-STD-810F