



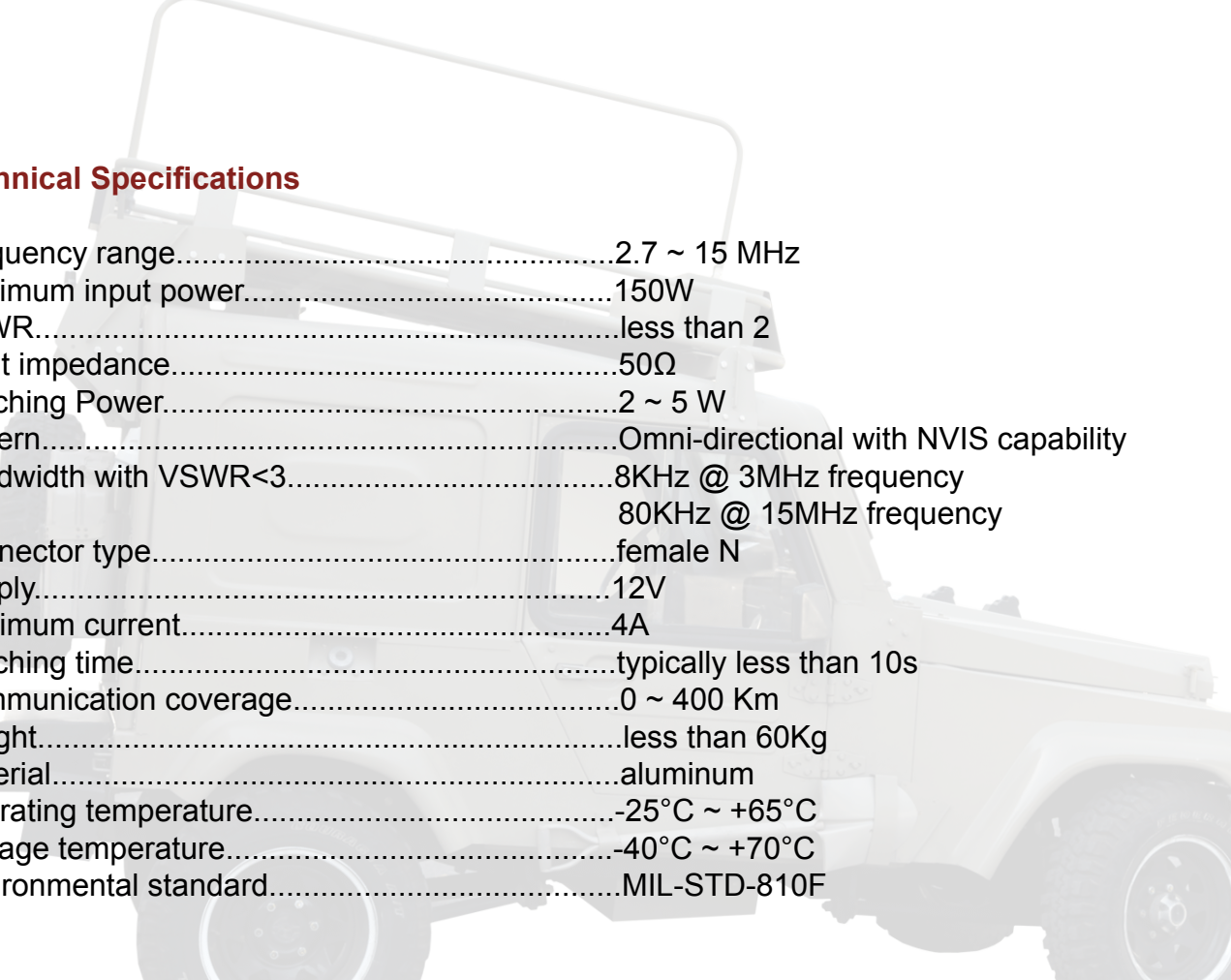
NVA-210/E

NVIS Antenna

This antenna has been designed and manufactured for vehicular NVIS operation. Using the antenna, communication can be established in 0 ~ 400 km distance without skip zone.

NVA-210/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 vehicles. In addition, it can be used as a roof rack noting safety considerations.

Technical Specifications



Frequency range.....	2.7 ~ 15 MHz
Maximum input power.....	150W
VSWR.....	less than 2
Input impedance.....	50Ω
Matching Power.....	2 ~ 5 W
Pattern.....	Omni-directional with NVIS capability
Bandwidth with VSWR<3.....	8KHz @ 3MHz frequency 80KHz @ 15MHz frequency
Connector type.....	female N
Supply.....	12V
Maximum current.....	4A
Matching time.....	typically less than 10s
Communication coverage.....	0 ~ 400 Km
Weight.....	less than 60Kg
Material.....	aluminum
Operating temperature.....	-25°C ~ +65°C
Storage temperature.....	-40°C ~ +70°C
Environmental standard.....	MIL-STD-810F