



PRODUCT DESCRIPTION

Model Number	RAMI10812
Part Number	RAMI10812
NSN	Meets Requirements of 5985-01-514-2271, 5985-01-550-2303
Market	Military – Land

This is a ruggedized multiband vehicular antenna that provides instantaneous bandwidth coverage of the 30-512 MHz spectrum. No tuners or band switching is required. This antenna operates with legacy radios for SINGARS and EPLRS through the newest multiband radios. It is provided with the standard NATO mounting bolt pattern, provides a low vertical signature and replaces multiple antennas. It is fully “oak beam” and HV compliant.

PRODUCT SPECIFICATIONS

Application:	Ground Based Communications
Frequency:	30-512 MHz
Impedance:	50 Ohms Nominal
VSWR:	Across listed frequencies on a 10' square ground plane 30-512 MHz: < 3.5:1
Polarization:	Vertical
Pattern:	Omni-Directional
Connectors:	BNC Female
RF Power Handling:	75 Watts CW across all operating frequencies,
Gain at Horizon:	30-88 MHz: -7.5 dBmp (30 MHz) to 0 dBmp (80 MHz) 88-108 MHz: > -7 dBi 108-280 MHz: -12 dBi to 0 dBi 280-512 MHz: -3 dBi to +3 dBi
Max. Weight:	8.0 Lbs
Available Colors:	P/N: RAMI10812G: CARC Green P/N: RAMI10812T: CARC Tan P/N: RAMI10812B: CARC Black