



PRODUCT DESCRIPTION

Model Number	RAMI10612
Part Number	RAMI10612
NSN	Meets Requirements of 5985-01-559-0074, 5985-01-497-7004
Market	Military – Land

This is a ruggedized multiband vehicular antenna. This antenna operates with legacy radios for SINCGARS 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:	30-88 MHz & 108-512 MHz	
Impedance:	50 Ohms Nominal	
VSWR:	30-88 MHz: < 3.5:1 on a 10' square ground plane 108-512 MHz: < 3.5:1 on a 10' square ground plane	
Polarization:	Vertical	
Pattern:	Omni-Directional	
Connectors:	30-88 MHz - BNC Female 108-512 MHz - 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)
	108-225 MHz:	> -12 dBi
	225-290 MHz:	-8 dBi to 0 dBi
	290-512 MHz:	-3dBi to +3 dBi
Port to Port Isolation:	30 dB Min.	
Max. Weight:	8.0 Lbs	
Available Colors:	P/N: RAMI10612G:	CARC Green
	P/N: RAMI10612T:	CARC Tan
	P/N: RAMI10612B:	CARC Black

