

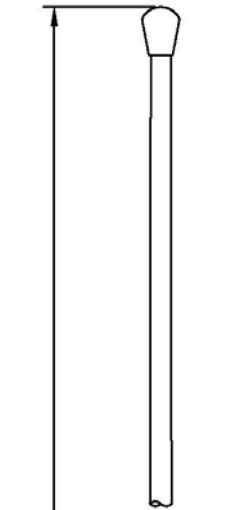
PRODUCT DESCRIPTION

Model Number	RAMI2597
Part Number	RAMI2597
NSN	Not Assigned
Market	Military - Land

This is a ruggedized multiband vehicular antenna. Initially designed for Future Combat Systems Program, it has been modified to match the needs of legacy programs while significantly reducing the number of antenna required. The antenna operates with legacy radios for SINCGARS and EPLRS through new multiband radios such as the Side Winder radio. Multiple frequency inputs may be used simultaneously. The antenna is fully "oak beam" compliant.

PRODUCT SPECIFICATIONS

Application	Ground Based Communications	
Frequency	30-88 MHz 225-450 MHz 1250-2000 MHz	
Impedance	50 Ohms Nominal	
VSWR	30-88 MHz: 3.5:1 Max. 225-450 MHz: 3.5:1 Max. <3.0:1 Across 95% of Band 1250-2000 MHz: 2.1:1 Max.	
Isolation	30-88 MHz/225-450 MHz	35 dB
	225-450 MHz/1250-2000 MHz	40dB
	30-88 MHz/1250-2000 MHz	35dB
Polarization	Vertical	
Pattern	Omni-Directional	
Connectors	"BNC" Female = 30-88 MHz "BNC" Female = 225-450 MHz "N" Female = 1250-2000 MHz	
RF Power Handling	VHF	75 Watt CW
	UHF	75 Watt CW
	L-BAND	100 Watt CW
Gain	30-88 MHz	>-7.0 dBmp
	225-450 MHz	+1.0 dBi
	1250-2000 MHz	+2.0 dBi Avg.
Max. Weight	12 Lbs	
Available Colors	P/N: RAMI2597G	CARC Green
	P/N: RAMI2597T	CARC Tan
	P/N: RAMI2597B	CARC Black



89.00 MAX.

