

RAMI6870

LOUD AND CLEAR

PRODUCT DESCRIPTION

Part Number	RAMI6870
NSN	Not Assigned
Market	Military - Land

The RAMI6870 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 AN/PRC-117G 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 108-512 MHz 550-2000 MHz	
Impedance	50 Ohms Nominal	
VSWR	3.5:1 Maximum	
Polarization	Vertical	
Pattern	Omni-Directional	
Connectors	"BNC" Female = 30-88 MHz "BNC" Female = 108-512 MHz "N" Female = 550-2000 MHz	
RF Power Handling	100 Watt CW	
Gain	30-88 MHz	>-7.0 dBmp
	108-156 MHz	>-6.5 dBmp
	225-420 MHz	>-2.0 dBi
	420-450 MHz	>-1.0 dBi
	451-512 MHz	>-5.0 dBi
	700-1350 MHz	>-2.0 dBi
	1350-1850 MHz	> 0.0 dBi
	1850-2000 MHz	>-1.5 dBi
Max. Weight	12 Lbs	
Available Colors	P/N: RAMI6870G	CARC Green
	P/N: RAMI6870T	CARC Tan
	P/N: RAMI6870B	CARC Black

