

# RAMI254EXT-LB

**LOUD AND CLEAR**

## PRODUCT DESCRIPTION

Part Number	RAMI254EXT-LB
NSN	Not Assigned
Market	Military -Land

The RAMI254EXT-LB is a direct replacement for the OE-254/GRC Antenna Group. It is comprised of fewer piece parts, allowing for quicker assembly and erection, along with being capable of both VHF, UHF and L-Band operation modes. It can be deployed atop its 27 ft. mast (RAMI5008-FG) or utilized on the ground standing on its tripod base (RAMI2210). It is manufactured to meet the mechanical and environmental specifications as called out in MIL-PRF-49204 (OE-254/GRC specification). The antenna comes complete with two 40 ft. of LMR-400 transmission lines with an in line adapter (antenna to diplexer) and two 5 ft. RG-223 transmission lines (diplexer to radio set). Additional components for full assembly and erection (mast or ground deployment) are included in the transit bag.

## PRODUCT SPECIFICATIONS

Application	Ground Based Communications	
Frequency	30-512 MHz 550-2000 MHz	
Impedance	50 Ohms Nominal	
VSWR	3.5:1 Maximum	
Polarization	Vertical	
Pattern	Omni-Directional	
Connectors	"N" Females at antenna feed points	
RF Power Handling	100 Watts CW	
Gain	30-88 MHz	-7.0 dBi to -1.0 dBi
	108-156 MHz	> -6.0 dBi
	225-512 MHz	> -4.0 dBi
	700-1350 MHz	> -2.0 dBi
	1350-1850 MHz	> 0.0 dBi
	1850-2000 MHz	> -1.5 dBi
Max. Weight	45 Lbs	
Colors Available	P/N: RAMI254EXT-LB	CARC Green w/Black mast
	P/N: RAMI254EXT-LBT	CARC Tan w/Black mast
	P/N: RAMI254EXT-LBB	CARC Black w/Black mast

