

# RAMI254EXT-LB6

**LOUD AND CLEAR**

## PRODUCT DESCRIPTION

Part Number	RAMI254EXT-LB6
NSN	Not Assigned
Market	Military -Land

The RAMI254EXT-LB6 is a 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 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. 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 a 40 ft. LMR-400 transmission line with an in line adapter (antenna to triplexer) and three 5 ft. RG-223 transmission lines (triplexer to radio set).

## PRODUCT SPECIFICATIONS

Application	Ground Based Communications	
Frequency	30-88 MHz 225-450 MHz 1200-2110 MHz	
Impedance	50 Ohms Nominal	
VSWR	30-88 MHz:	3.0:1 Max.
	225-450 MHz:	3.0:1 Max.
	1200-2110 MHz:	2.75:1 Max.
Isolation	40 dB	
Polarization	Vertical	
Pattern	Omni-Directional	
Connectors	"N" Female at antenna feed point	
RF Power Handling	VHF	75 Watts CW
	UHF	75 Watts CW
	L-BAND	75 Watts CW
Gain	30-88 MHz	-5.0 dBi to 0 dBi
	225-450 MHz	0.0 dBi to +2.0 dBi
	1200-2110 MHz	+1.0 dBi
	1250-1350 MHz	+3.0 dBi
	1750-1850 MHz	+3.0 dBi
Color	P/N: RAMI254EXT-LB6G CARC Green	

