

# RAMI254EXT-LB3

LOUD AND CLEAR

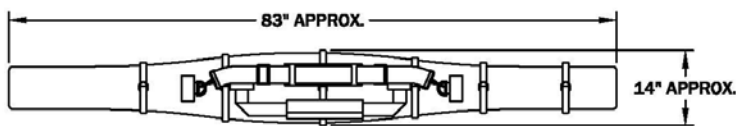
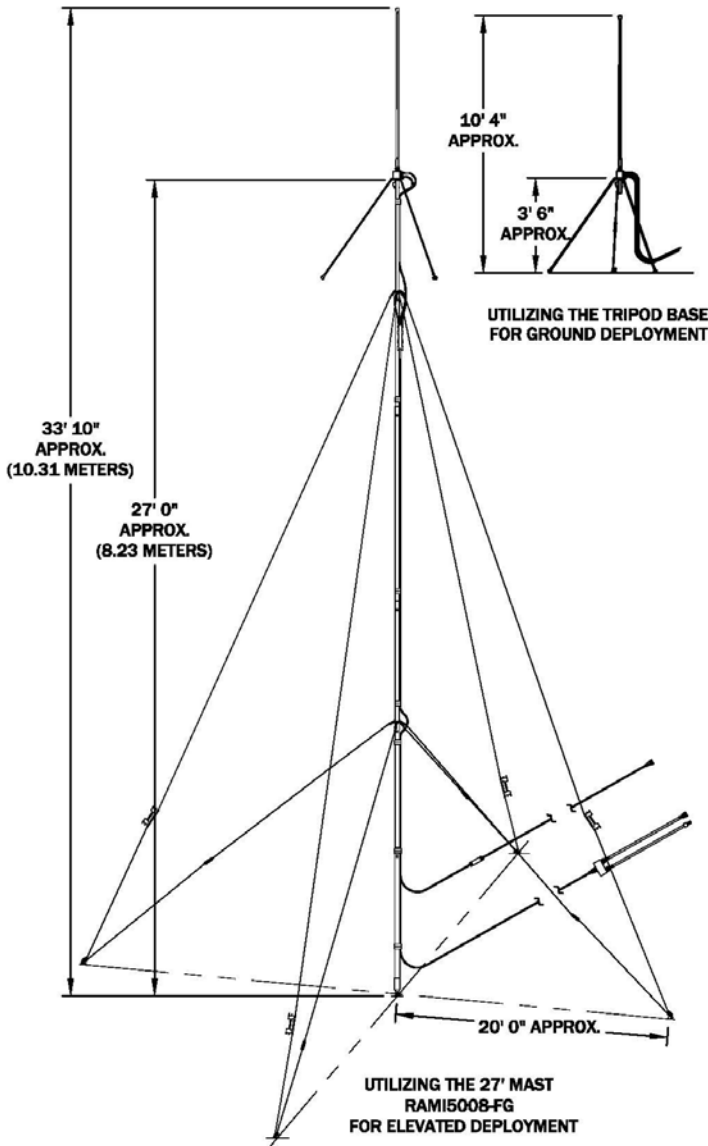
## PRODUCT DESCRIPTION

Model Number	RAMI254EXT-LB3
Part Number	RAMI254EXT-LB3
NSN	Not Assigned
Market	Military -Land

The RAMI254EXT-LB3 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 two 75 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	30-88 MHz 225-450 MHz 1250-2000 MHz	
Impedance	50 Ohms Nominal	
VSWR	30-88 MHz:	3.5:1 Max.
	225-450 MHz:	3.0:1 Max.
	1250-2000 MHz:	2.5:1 Max.
Isolation	225-450 MHz/1250-2000 MHz:	≥ 9 dB
	30-88 MHz/1250-2000 MHz:	≥ 20 dB
Polarization	Vertical	
Pattern	Omni-Directional	
Connectors	"N" Females at antenna feed points	
RF Power Handling	VHF	75 Watts CW
	UHF	75 Watts CW
	L-BAND	100 Watts CW
Gain	30-88 MHz	> -7.0 dBmp
	225-450 MHz	> +1.0 dBi
	1250-2000 MHz	> +2.0 dBi Avg.
Max. Weight	47 Lbs	
Unit Size Packed:	7 ½" Thk. X 14" Wide x 83" Long (Approx. Size)	
Color	P/N: RAMI254EXT-LB3G	CARC Green/Black Mast
	P/N: RAMI254EXT-LB3T	CARC Tan/Black Mast
	P/N: RAMI254EXT-LB3B	CARC Black/Black Mast



UNIT PACKED IN TRANSIT BAG