

RAMI254EXT-LB3

LOUD AND CLEAR

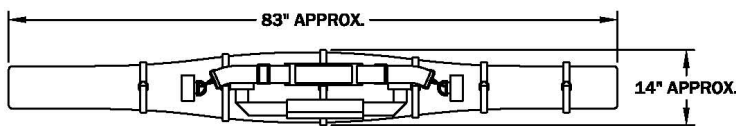
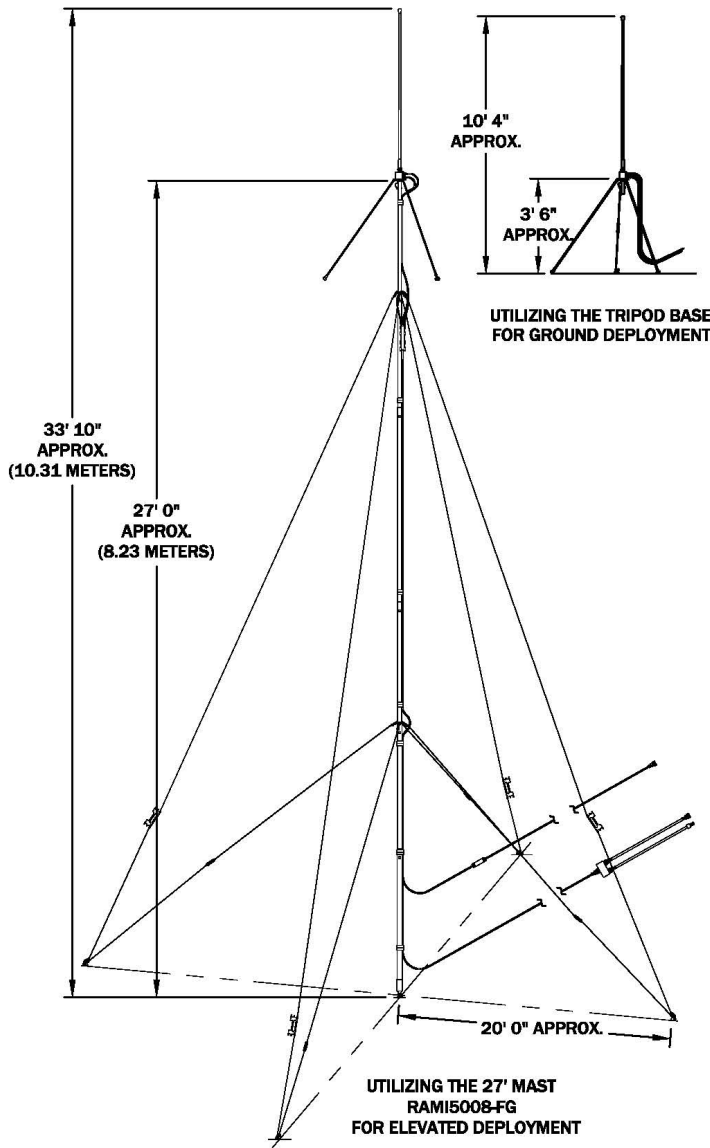
PRODUCT DESCRIPTION

Part Number	RAMI254EXT-LB3
NSN	5985-01-628-4234
Market	Military -Land

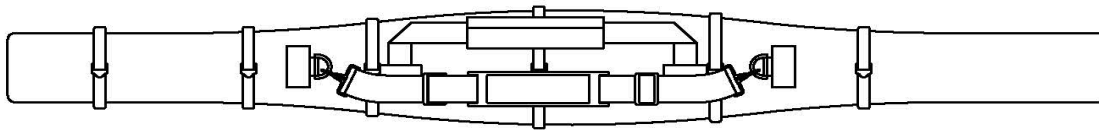
The RAMI254EXT-LB3 is a replacement for the OE-254/GRC Antenna Group. It is comprised of fewer piece parts, allowing for quicker assembly and erection, along with being capable of VHF, UHF and L-Band operation modes. It can be deployed atop its 27 ft. mast (RAMI5008-FG) or utilized on the ground standing 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



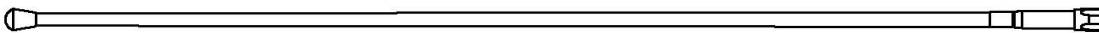
UNIT PACKED IN TRANSIT BAG



TRANSIT BAG
P/N: LB3-BG
QTY.: 1



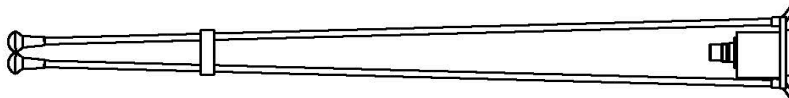
TECHNICAL MANUAL
P/N: 27-104-LB3
QTY.: 1



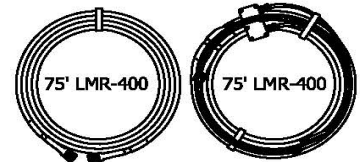
ANTENNA WHIP-CARC GREEN
P/N: RAMI2511G
QTY.: 1

ANTENNA WHIP-CARC TAN
P/N: RAMI2511T
QTY.: 1

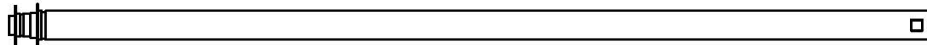
ANTENNA WHIP-CARC BLACK
P/N: RAMI2511B
QTY.: 1



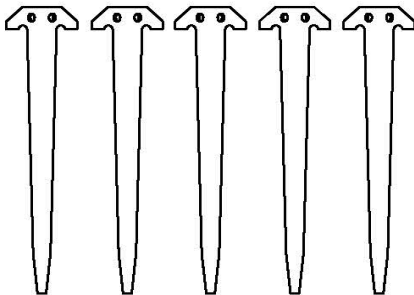
ANTENNA TRIPOD
P/N: M104-101A
QTY.: 1



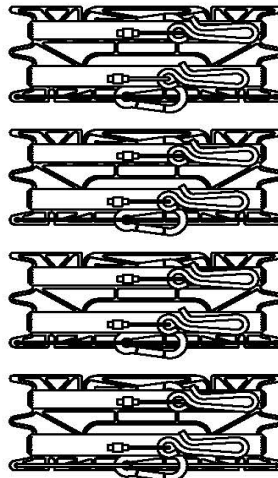
CABLE W/DIPLEXER
P/N: RAMI109-CA
QTY.: 1



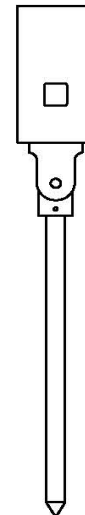
TELESCOPING MAST
P/N: M50-201A
QTY.: 1



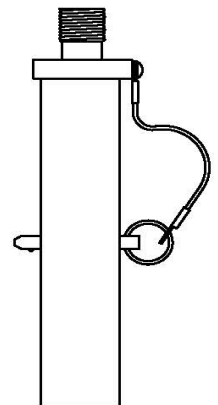
ANCHOR STAKE
P/N: RAMI50-50
QTY.: 5



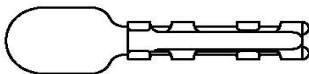
GUY ROPE ASSEMBLY
P/N: RAMI50-40
QTY.: 4



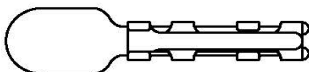
MAST BASE ADAPTER
P/N: RAMI50-30
QTY.: 1



UPPER MAST ADAPTER
P/N: RAMI48-10
QTY.: 1



PF-211/G STRAIN CLAMP
P/N: 14204
QTY.: 2



TENSIONER ASSEMBLY
P/N: RAMI57-60
QTY.: 1

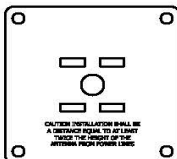
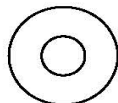
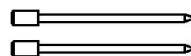


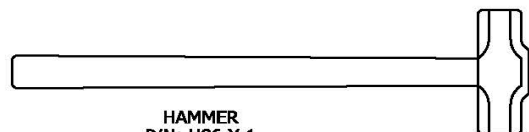
PLATE
P/N: A3002872
QTY.: 1



INSULATING TAPE
P/N: 944763
QTY.: 1



STAKE
P/N: 729924
QTY.: 2



HAMMER
P/N: H86-X-1
QTY.: 1



N JACK TO N JACK ADAPTER
P/N: SCD-658
QTY.: 1