

RAMI254EXT-LB

LOUD AND CLEAR

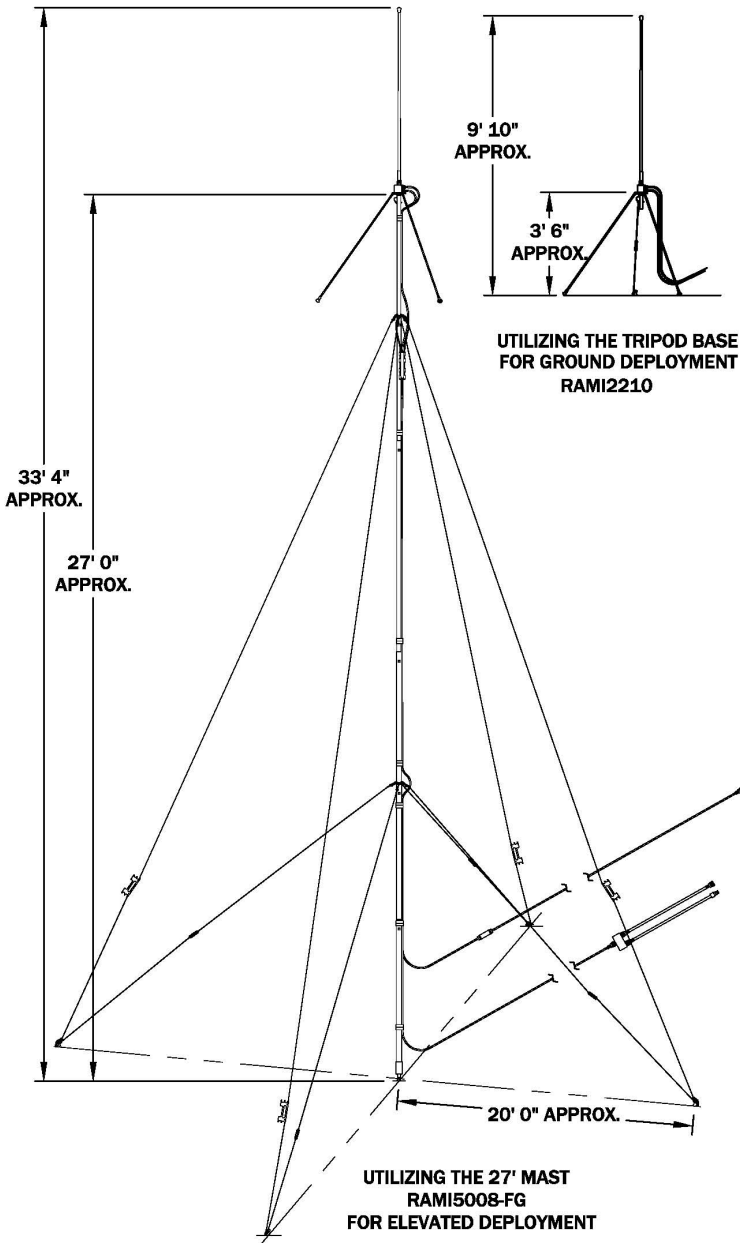
PRODUCT DESCRIPTION

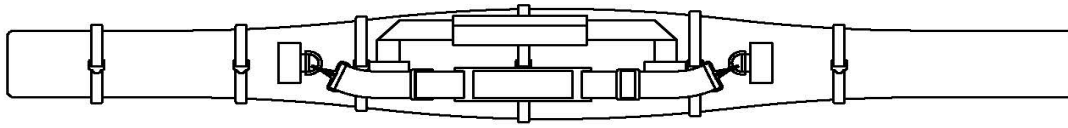
Part Number	RAMI254EXT-LB
NSN	Not Assigned
Market	Military -Land

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





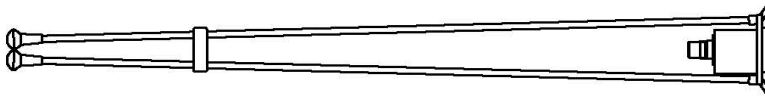
TRANSIT BAG
P/N: RAMI22-BG
QTY.: 1



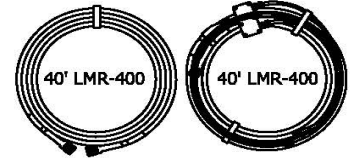
TECHNICAL MANUAL
P/N: 27-254EXT-LB
QTY.: 1



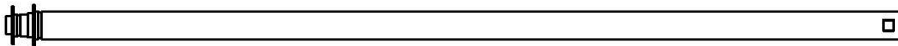
ANTENNA WHIP-CARC GREEN
P/N: 12006-5230-21
QTY.: 1



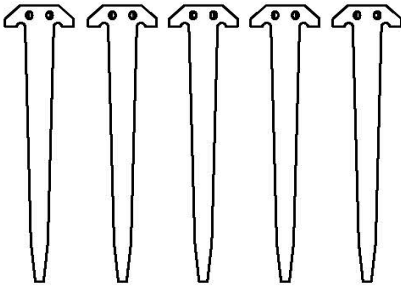
ANTENNA TRIPOD
P/N: M22-301A
QTY.: 1



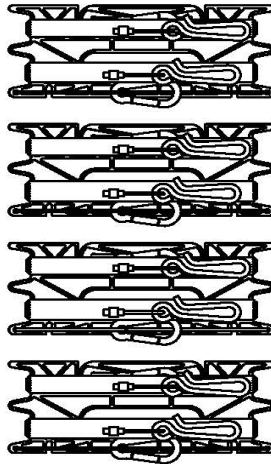
CABLE W/DIPLEXER
P/N: 12006-0313-01
QTY.: 1



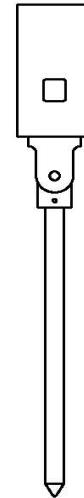
TELESCOPING MAST
P/N: M50-201A
QTY.: 1



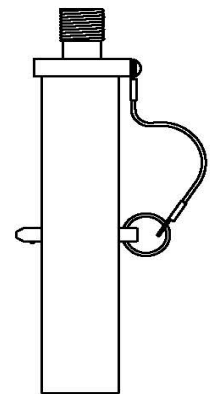
ANCHOR STAKE
P/N: RAMI50-50
QTY.: 5



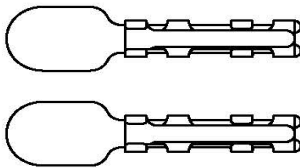
GUY ROPE ASSEMBLY
P/N: RAMI50-40
QTY.: 4



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



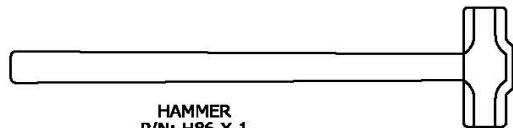
UPPER MAST ADAPTER
P/N: RAMI48-10
QTY.: 1



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



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



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

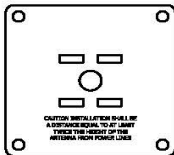
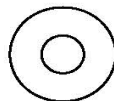


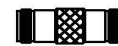
PLATE
P/N: A3002872
QTY.: 1



INSULATING TAPE
P/N: 944763
QTY.: 1



STAKE
P/N: 729924
QTY.: 2



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