

RAMI254EXT-LB5

LOUD AND CLEAR

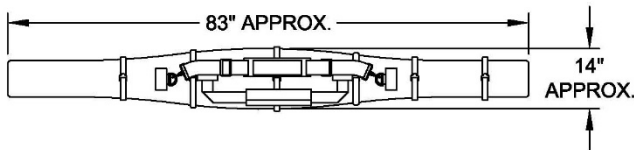
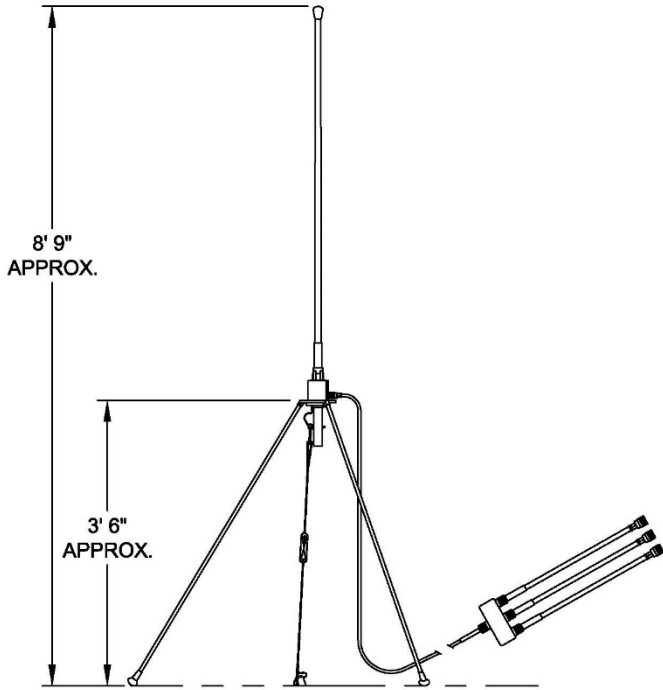
PRODUCT DESCRIPTION

Rockwell Collins Part Number	013-2071-190
RAMI Part Number	RAMI254EXT-LB5
NSN	5985-01-673-9259
Market	Military -Land

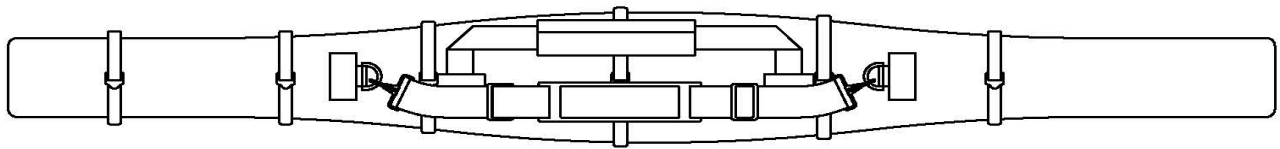
The RAMI254EXT-LB5 is a replacement for the OE-254/GRC Antenna Group. It is comprised of fewer piece parts, allowing for quicker assembly and erection, along with being capable of VHF, UHF and L-Band operation modes. It can be deployed atop its 27 ft. mast (RAMI5008-FG) or utilized on the ground standing 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 100 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). Additional components for full assembly and erection (mast to ground deployment) are sold separately.

PRODUCT SPECIFICATIONS

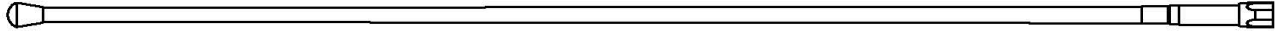
Application	Ground Based Communications	
Frequency	30-88 MHz 225-450 MHz 1200-2110 MHz	
Impedance	50 Ohms Nominal	
VSWR	30-88 MHz:	3.0:1 Max.
	225-450 MHz:	3.0:1 Max.
	1200-2110 MHz:	2.75:1 Max.
Isolation	40 dB	
Polarization	Vertical	
Pattern	Omni-Directional	
Connector	"N" Female at antenna feed point "N" Male at Radio Set	
RF Power Handling	VHF	75 Watts CW
	UHF	75 Watts CW
	L-BAND	75 Watts CW
Gain	30-88 MHz	-5.0 dBi to 0.0 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-LB5G CARC Green	



UNIT PACKED IN TRANSIT BAG
BAG SHOWN IS NOT TO SCALE



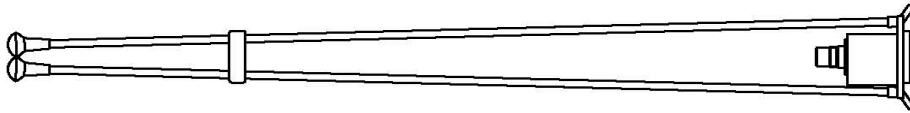
TRANSIT BAG
P/N: LB5-BG
QTY.: 1



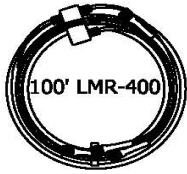
ANTENNA WHIP-CARC GREEN
P/N: RTB3010-WAG
QTY.: 1

ANTENNA WHIP-CARC TAN
P/N: RTB3010-WAT
QTY.: 1

ANTENNA WHIP-CARC BLACK
P/N: RTB3010-WAB
QTY.: 1



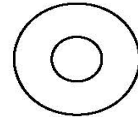
ANTENNA TRIPOD
P/N: LB5-101A-TP
QTY.: 1



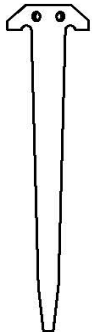
CABLE W/DIPLEXER
P/N: LB5-501A-CA
QTY.: 1



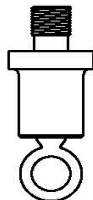
TECHNICAL MANUAL
P/N: 27-LB6
QTY.: 1



INSULATING TAPE
P/N: 944763
QTY.: 1



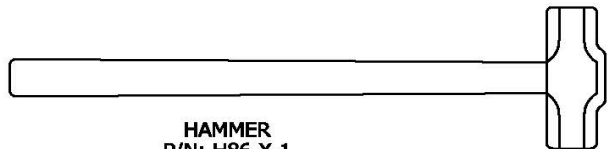
ANCHOR STAKE
P/N: RAMI50-50
QTY.: 1



TIE DOWN ADAPTER
P/N: RAMI48-30
QTY.: 1



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



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