

**PRODUCT DESCRIPTION**

Part Number	RAMI254-EXT
NSN	Not Assigned
Market	Military -Land

The RAMI254-EXT 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 and UHF operation modes. It can be deployed atop its 27 ft. mast (RAMI5008-FG) or utilized on the ground standing on its tripod base (RAMI5709). 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	
Impedance	50 Ohms Nominal	
VSWR	3.5:1 Maximum	
Polarization	Vertical	
Pattern	Omni-Directional	
Connector	"N" Female at antenna feed point	
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
Max. Weight	45 Lbs	
Colors Available	P/N: RAMI254-EXT	CARC Green w/Black mast
	P/N: RAMI254-EXTT	CARC Tan w/Black mast
	P/N: RAMI254-EXTB	CARC Black w/Black mast

