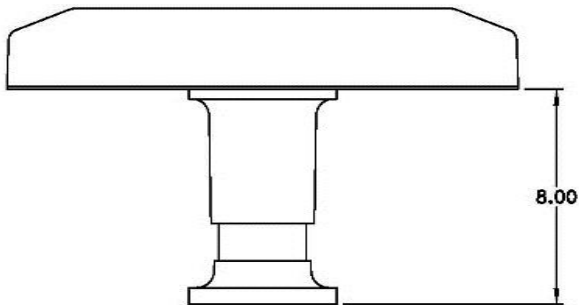


OPTIONAL MOUNTING PATTERNS PROVIDED



RAMI8712 SHOWN ON RAMI 8" RISER
RISERS ARE AVAILABLE IN SEVERAL HEIGHT
AND ARE SOLD SEPERATELY

PRODUCT DESCRIPTION

Part Number	RAMI8712
NSN	N/A
Market	Military - Rugged

RAMI's Low Profile SATCOM Antenna is designed for applications where a direct roof mount is not available. It does not require a metal ground plane. This is an extremely rugged Right Hand Circularly Polarized (RHCP) antenna designed for tactical vehicles for on-the-move (OTM) applications. The antenna has the Frequency coverage to support both Legacy and MUOS UHF communication needs and can cover the entire hemispherical Field of View (FOV) with a single port which eliminates the need to switch between high and low angles. The antenna will interface with a standard NATO mount.

PRODUCT SPECIFICATIONS

Application	UHF	
Frequency	Legacy SATCOM Rx	243 to 270 MHz
	Legacy SATCOM Tx	292 to 318 MHz
	MUOS SATCOM Rx	360 to 380 MHz
	MUOS SATCOM Tx	300 to 320 MHz
VSWR	1.5:1	
Polarization	RHCP	
Connector	"N" Female	
RF Power Handling	100 Watts CW	
Typical Gain	Elevation	
	Angle (Degrees)	Gain (dBiC)
	90	3.0
	45	-0.5
20	-3.5	
Colors	P/N: RAMI8712G	CARC Green
	P/N: RAMI8712T	CARC Tan
	P/N: RAMI8712B	CARC Black