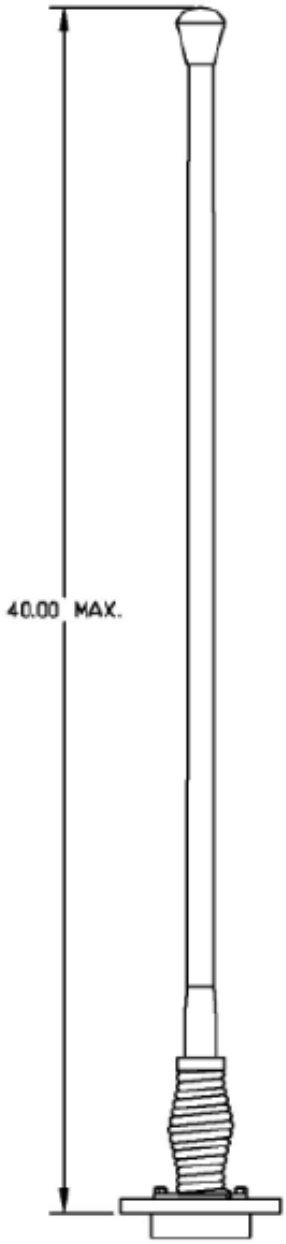
RAMI10112

NSN: Not Assigned

Product Number	RAMI10112
Market	Military - Land
Height	40 in. (1016 mm)
Weight	5 lbs. (2.27 kg)

This is a ruggedized vehicular antenna which has great gain performance at the horizon. This antenna is fully "oak beam" compliant.

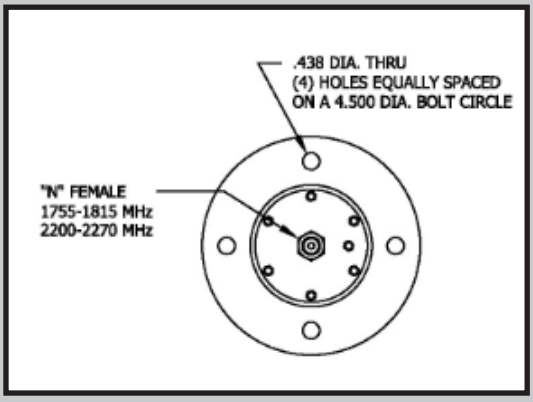


Product Specifications

Frequency	1000-1800 MHz
Impedance	50 Ohms Nominal
VSWR	2.5:1 Maximum
Polarization	Vertical
Pattern	Omni-Directional
Connector	N Female
RF Power Handling	20 Watt CW
Peak Gain at Horizon	1000-1250 MHz: 0 to +2 dBi typical 1250-1800 MHz: +3.0 dBi typical

Mechanical Specifications

Max. Height	40 in. (1016 mm)
Max. Weight	5 lbs. (2.27 kg)
Available Colors	
P/N: RAMI10112G	CARC Green
P/N: RAMI10112T	CARC Tan
P/N: RAMI10112B	CARC Black
P/N: RAMI10112G1	Olive Drab (24084)
P/N: RAMI10112S1	Sand (33717)
Mount hardware kit included with antenna	



ENVIRONMENTAL SPECIFICATIONS

Per MIL-STD-810G

(unless otherwise noted)

High Operating Temp.	+71 deg C Method 501.5 Proc. II	**Immersion**	Method 512.5 Proc. I
Low Operating Temp.	-40 deg C Method 502.5 Proc. II	**Rain**	Method 506.4 Proc. II
High Temp. Storage	+71 deg C Method 501.5 Proc. I	**Icing/Freezing**	Method 521.3
Low Temp. Storage	-50 deg C Method 502.5 Proc. I	**Sand and Dust**	Method 510.5 Proc. I
Temp. Shock	Method 503.5 Proc. I-C	**Solar Radiation**	Method 505.5 Proc. I
Humidity	Method 507.5 Proc. II	**Fungus**	Method 508.6
Ballistic Shock	MIL-S901D	**Loose Cargo Transit**	Method 514.6 Proc. II
Salt Fog	Method 509.5	**Transit Drop**	Method 516.6 Proc. IV
Vibration	Method 514.6 Proc. I	**Spring Flexibility**	40,000 cycles
Shock	Method 516.6 Proc. I	**Altitude Storage**	40,000 Ft. Method 500.5
Impact	25 strikes on 4"x4" oak beam at 25 mph		