

RTB3050-2

LOUD AND CLEAR

PRODUCT DESCRIPTION

Part Number	RTB3050-2
NSN	Not Assigned
Market	Military - Land

This is a ruggedized multiband vehicular antenna which significantly reduces the number of antennas on the vehicle. Multiple frequency inputs may be used simultaneously. This antenna is fully "oak beam" compliant.

PRODUCT SPECIFICATIONS

Application	Ground Based Communications	
Antenna	UHF: Integrated Dipole Upper UHF: Integrated Dipole L-Band: PCB Quad Dipole	
Frequency	225-450 MHz 698-970 MHz 1250-2600 MHz	
Impedance	50 Ohms Nominal	
VSWR	225-450 MHz	3.0:1 Max.
	698-970 MHz	3.0:1 Max.
	1250-2600 MHz	2.75:1 Max.
Port to Port Isolation	>40 dB	
Polarization	Vertical	
Pattern	Omni-Directional	
Connectors	"TNC" Female	225-450 MHz
	"N" Female	698-970 & 1250-2600 MHz
RF Power Handling	UHF	75 Watts CW
	Upper UHF	75 Watts CW
	L-BAND	75 Watts CW
Peak Gain @ Horizon	225-450 MHz	0 dBi to +2.0 dBi
	698-970 MHz	TBD (-2.0 dBi to +2.0 dBi)
	1250-2600 MHz	TBD (+1.0 dBi to +3.0 dBi)
Max. Weight	12 lbs	
Available Colors	P/N: RTB3050G-2	CARC Green
	P/N: RTB3050T-2	CARC Tan
	P/N: RTB3050B-2	CARC Black
Tie Down Kit	P/N: RAMI-TDK-1	
	Sold Separately	

