RRD1019B
NSN: Not Assigned

Product Number	RRD1019B
Market	Military - Manpack/Handheld
Height	539.00 mm Max
Weight	150g Max

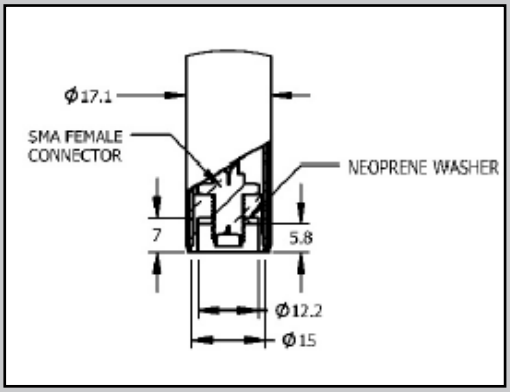
The RRD1019B is a rugged, yet flexible, blade style antenna with a double gooseneck design operating from 225-512 MHz. It is designed for handheld and/or vest mounted applications that works with the PNR-1000 radio.

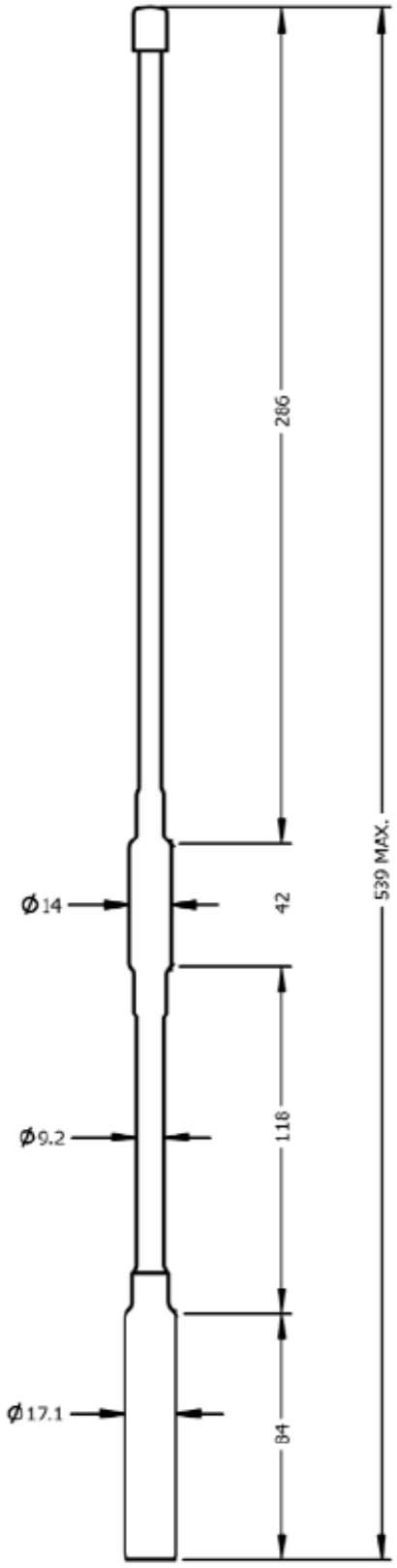
Product Specifications

Antenna Class	Dipole
Frequency	225-512 MHz
Impedance	50 Ohms Nominal
VSWR	3.0:1 Maximum
Polarization	Vertical
Pattern	Omni-Directional
Connector	"SMA" Female
RF Power Handling	20 Watt CW
Gain	-1.0 to +1.0 dBi Typical

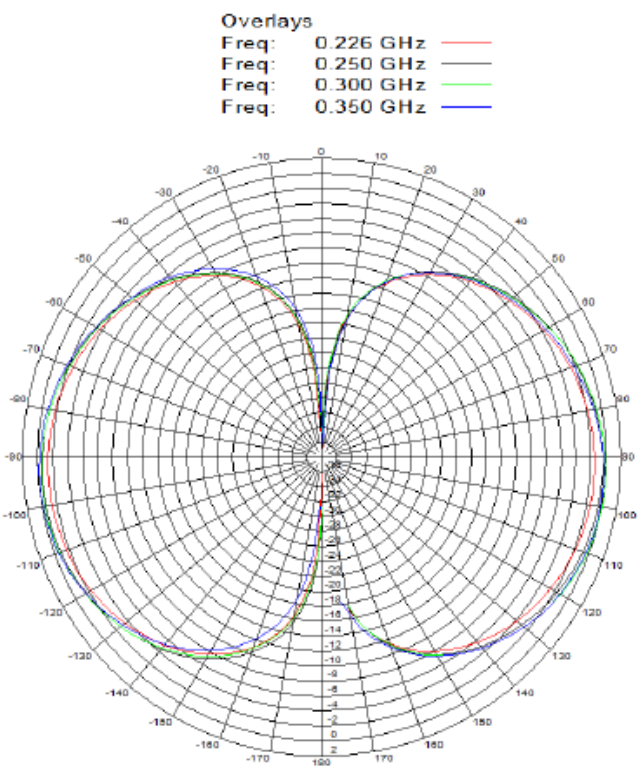
Mechanical Specifications

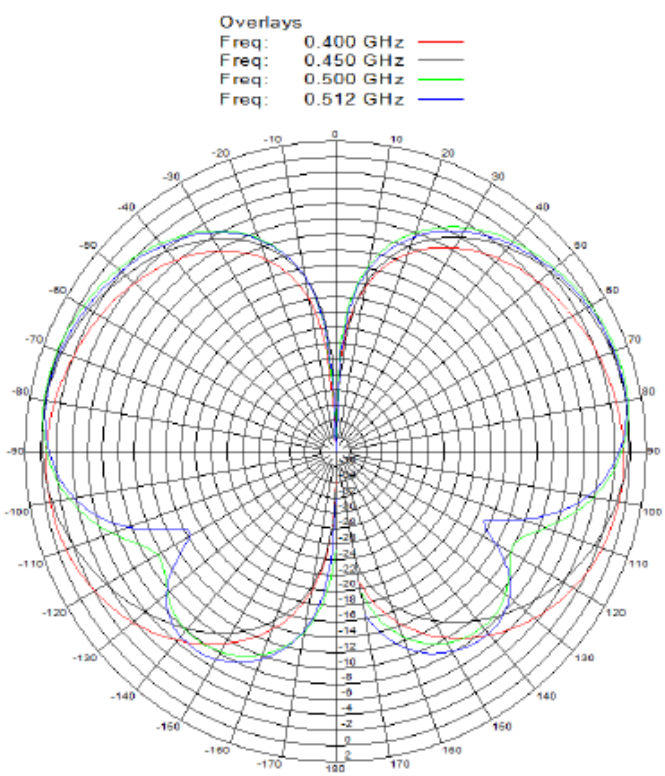
Max. Height	539.00 mm Max	(21.22")
Max. Weight	150g Max	(5.29 oz.)
Available Colors	Black	



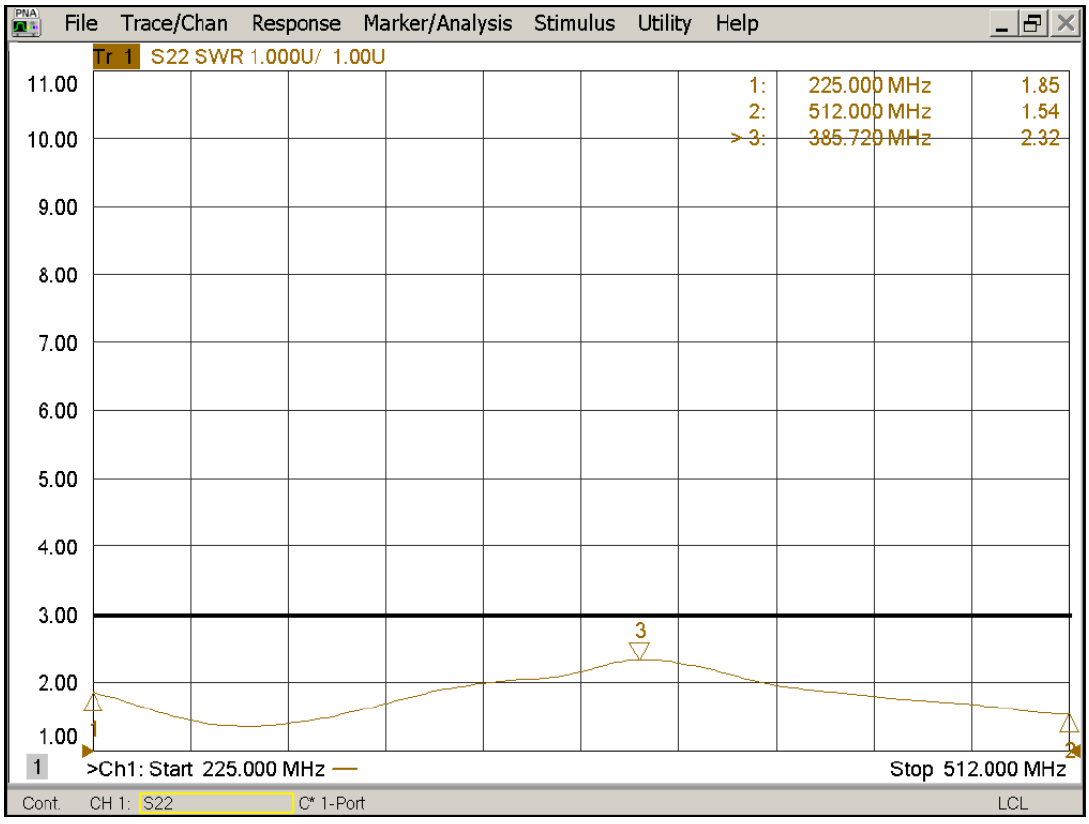


GAIN PATTERNS

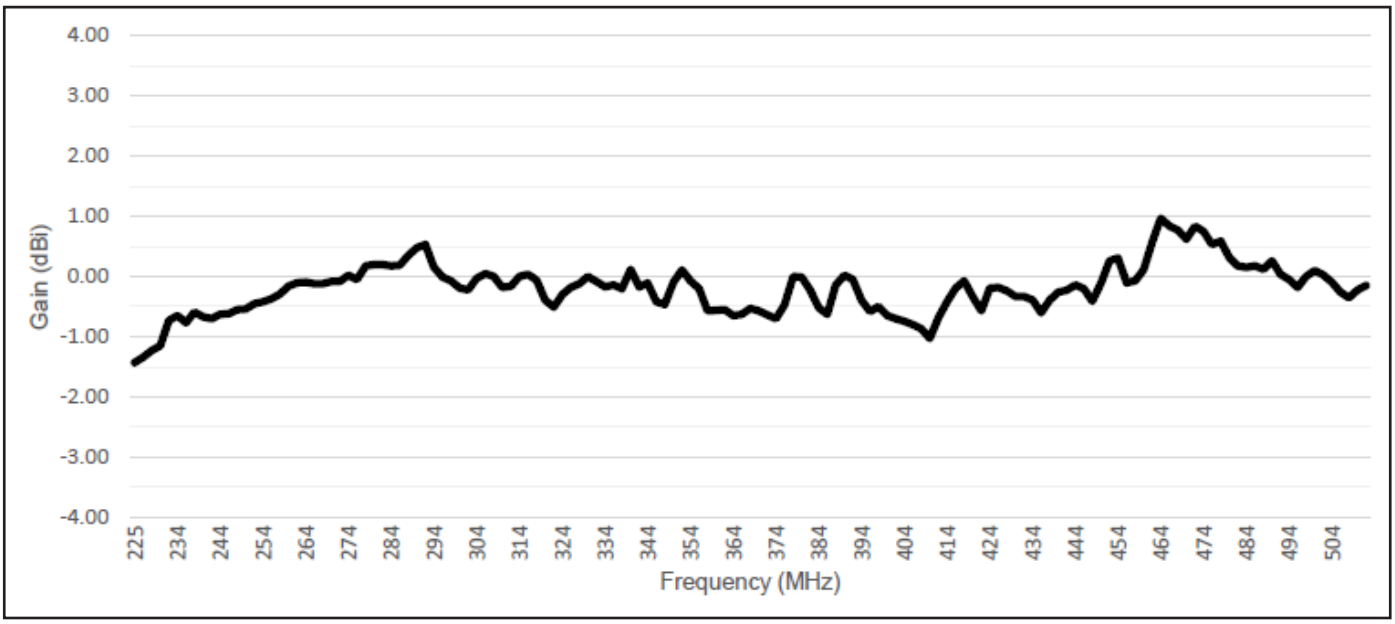




VSWR BODY MOUNTED



GAIN (dBi) AT THE HORIZON



ENVIRONMENTAL SPECIFICATIONS

Per MIL-STD-810G

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	**Ice-Freezing Rain**	Method 521.3
Low Temp. Storage	-50 deg C Method 502.5 Proc. I	**Dust**	Method 510.5 Proc. I
Temp. Shock	Method 503.5 Proc. IC	**Sand**	Method 510.5 Proc. II
Humidity Storage	Method 507.5 Proc. I	**Solar Radiation**	Method 505.5 Proc. I
Humidity Operating	Method 507.5 Proc. II	**Fungus**	Method 508.5
Salt Fog	Method 509.5	**Altitude Storage**	Method 500.5 Proc. I
Vibration	Method 514.6 Proc. I	**Altitude Operating**	Method 500.5 Proc. II
Shock	Method 516.6 Proc. I and IV	**Contamination by Fluids**	Method 504.1 Proc. I
Gooseneck Bends	200 Continuous Flexes by 90-degree angle		