

99.1% Efficiency

UniAnt™

UNI-50-OHM

50 Ohm

675 Mhz to 6 GHz

Features Outline

- Omnidirectional, toroidal-shaped pattern
- Elegant, robust, and discreet
- 17.6 dBi peak nominal gain
- Completely sealed and waterproof (also suitable for marine environments)
- More gain than similarly-sized antennas
- Near 100% efficiency operation
- Light, compact, robust, and durable
- Ground plane reduces downward-radiation waste
- Stainless steel ground plane and mount
- Built using industrial-strength standards



Connector(s)	Model	Qty	Price
N Female	UNI-50-OHM	1 - 10	ASK
N Female	UNI-50-OHM	11 - 100	ASK
N Female	UNI-50-OHM	101 - 500	ASK
N Female	UNI-50-OHM	500 +	ASK

Applications Outline

- On-roof (pole/mast mount) antenna
- On-tripod antenna for in-field applications
- Marine antenna with stainless steel strength
- Worldwide support for all 2G/3G/4G/LTE/XLTE/AWS/WiMAX/Wi-Fi bands!

RoHS Compliant
Made in the USA with RoHS compliant domestic and imported components and highly skilled craftsmanship.

Model (SKU)	Frequency (MHz)	Gain (dBi)	VSWR (Typical)	Environment Type	Radiation Type	Impedance (Ohm)	Dimensions (H x W x D)	Weight	Operating Temperature
UNI-50-OHM	675 - 700	12.3	1.8:1	Outdoors	Toroidal	50	26.5 x 12 x 12 in (67.31 x 30.48 x 30.48 cm)	1.6 lbs (0.72 Kg)	-40 °F to 185 °F (-40 °C to 185 °C)
	700 - 750	12.5	1.7:1						
	750 - 800	12.7	1.4:1						
	800 - 850	12.9	1.3:1						
	850 - 900	13.1	1.2:1						
	1700 - 1900	13.3	1.6:1						
	1900 - 2100	13.6	1.3:1						
	2400 - 2600	14.1	1.3:1						
	3300 - 3700	15.3	1.3:1						
4500 - 6000	17.6	1.3:1							



Features

- Robust, industrial-strength, elegant antenna
- Ultra wide operational bandwidth of 675MHz to 6000MHz. Peak gain of 17.6 dB.
- High efficiency "omnidirectional" toroidal-shaped radiation type so that no energy is wasted in the air or on the ground
- Horizontal radiation pattern of 360 °
- Ground plane greatly reduces downward radiation waste
- All-weather protected with operating temperature of -40 °F to 185 °F (-40 °C to 185 °C)
- 50 Ohm nominal impedance with standard N-Female connector
- Made in the USA with high quality components and skilled craftsmanship. One year manufacturer warranty included

Benefits

- Very light and compact high gain antenna with very high wind resistance and harsh-environment proof
- Toroidal pattern avoids radiating energy in the sky or in the ground, effectively increasing real antenna gain
- Low VSWR means that your device will work more efficiently
- Industry-standard N-Female connector on the antenna's body for maximum energy transfer, elegance, and robustness
- Compatible with virtually all cellular/data services worldwide!



WirEng® amplifiers, antennas, and accessories are sold as DIY (Do-It-Yourself) electronic components and therefore it is the final user's responsibility to assure compliance with local, state, and federal authorities regulating radio devices. By purchasing from WirEng®, you, the system integrator and/or final user/consumer, agree to assume all responsibilities regarding radio devices compliance and hold WirEng® harmless for any unlawful uses/misuses of any WirEng® product. All liabilities for any applications of any WirEng® products are transferred to the final user/consumer/system integrator.