

LUXUL
The Wireless Wave



Circular Polarized
Antennas

High Gain Antennas





5T 2.4 GHz

Application:

The Luxul 5T 10.5 dBi High Gain Antenna is the ideal wireless networking solution for home and office. This wide dispersion antenna is perfect for extending the wireless operating distance without the high cost and limitations of wiring. Our patented antenna technology provides outstanding performance with superior penetration through trees, structures, and other obstacles.

Freq Range	2.4-2.5 GHz
Gain	10.5 dBi
Polarization	Circular
Connector	N Female
Beam width	50 °
VSWR	<1.22
F/B Ratio	28 dB
Impedance	50 Ohm
Height	4.58"
Width	4.37"
Length	6.28"
Weight	11.0 oz.
Distance	> 3 Miles
Wind Rating	100-125 mph



10T 2.4 GHz

Application:

The Luxul 10T Wireless High Gain 13.5 dBi Antenna is a universal antenna that can be used in a wireless LAN environment to provide greater structural penetration. This antenna also works well as a point-to-point antenna or for general-purpose point to multipoint applications. Our patented antenna technology provides outstanding performance with superior penetration through trees, structures, and other obstacles.

Freq Range	2.4-2. GHz
Gain	13.5 dBi
Polarization	Circular
Connector	N Female
Beam width	36 Degrees
VSWR	<1.22
F/B Ratio	26 dB
Impedance	50 Ohm
Height	4.58"
Width	4.37"
Length	10.85"
Weight	19.5 oz.
Distance	> 6 Miles
Wind Rating	100-125 mph



12T 2.4 GHz

Application:

The Luxul 12T Wireless High Gain 14.5 dBi Antenna is the perfect choice for point-to-point application. This antenna does not require line-of-sight. It has unsurpassed structural penetration capability and its narrower beam and higher gain can achieve superior operating distances. Our patented antenna technology provides outstanding performance with superior penetration through trees, structures, and other obstacles.

Freq Range	2.4-2.5 GHz
Gain	14.5 dBi
Polarization	Circular
Connector	N Female
Beam width	26 Degrees
VSWR	<1.22
F/B Ratio	25 dB
Impedance	50 Ohm
Height	4.58"
Width	4.37"
Length	12.46"
Weight	23.0 oz.
Distance	> 9 Miles
Wind Rating	100-125 mph



Flat Panel 2.4 GHz

Application:

The flat panel antenna is the perfect solution for homes or buildings where a low profile is desired, packing the same punch as products 4 times the size. Achieving maximum performance and gain with an attractive, low profile design makes this antenna the choice for indoor or outdoor installations.

Freq Range	2.4-2.5 GHz
Gain	10 dBi
Polarization	Circular
Connector	N Female
Beam width	70 °
Impedance	50 Ohm
Height	4"
Width	4"
Length	1"
Weight	7.0 oz.
Distance	> 5 Miles
Wind Rating	100-125 mph



Omni 2.4 GHz

Application:

The High Gain Omni is perfect for those environments where wide dispersion and penetration of the wireless signal is required. Unlike other conventional omni direction antennas the Luxul High Gain Omni overcomes barriers imposed by office structures to provide superior quality and maximum data rates.

Freq Range	2.4-2.5 GHz
Gain	5.0 dBi
Polarization	Circular
Connector	N Female
Beam width	360 Degrees
VSWR	<1.22
Impedance	50 Ohm
Height	2.25"
Width	4.0"
Length	4.0"
Weight	8.0 oz.
Wind Rating	100-125 mph



Parabolic 2.4 GHz

Application:

The Luxul High Gain 21.5 dBi Parabolic Dish Antenna is the ideal choice for long-range point-to-point applications. Because of this antennas very narrow beam and high gain, it can achieve extreme operating distances in the harshest environments.

Freq Range	2.4-2.5 GHz
Gain	21.5
Polarization	Circular
Connector	N Female
Beam width	14°
VSWR	<1.22
Impedance	50 Ohm
Height	24.0"
Width	18.0"
Weight	17 lbs.
Distance	> 20 Miles
Wind Rating	100-125 mph



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* FCC NOTICE: The use of all radio equipment is subject to regulations in each country. To comply with FCC part 15 rules in the United States, radio equipment must only be used in systems that have been FCC certified. It is the responsibility of the user/professional installer/operator to insure that only approved equipment/systems are deployed