



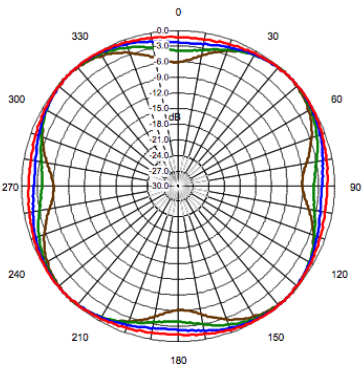
CARLSON

BROADBAND AND VOICE PRODUCTS

High-Gain Omnidirectional UHF Antenna for RuralConnect® Base Station

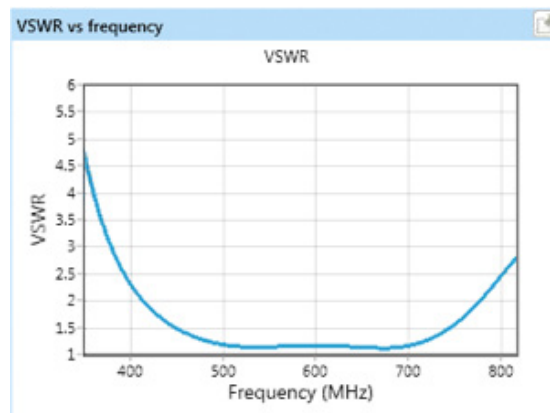
	One Bay	Two Bay
Frequency Range	470-786 MHz	470-786 MHz
VSWR	1.2:1	1.3:1
Gain	4.8 dBi	7.4 dBi
Active Elements	4	8
Shipping Weight	12 lbs.	16 lbs.
Carton Dimensions	6" x 14" x 24"	6" x 14" x 48"

Maximum Diameter	12"
Radiation Pattern	360° - 180° selectable
Maximum Height	48"
Polarization	Horizontal
Connector	"F" type female
Output Impedance	75 ohm
Wind Operational	100 mph
Wind Survivable	120 mph
Materials	Aluminum alloy 6061-T6



Azimuth Pattern

500 MHz, 600 MHz, 700 MHz, 800 MHz



UPS Shippable!



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Made in U.S.A.



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High-Gain Omnidirectional UHF Antenna for RuralConnect® Base Station

Frequency Range	470 MHz-780 MHz
VSWR	1.3:1
Active Elements	4
Element Diameter	3"
Radiation Pattern	360°
Gain	6 dBi
Maximum Height	28"
Maximum Diameter	4"
Polarization	Vertical
Shipping Weight	8 lbs.
Carton Dimensions	6" x 6" x 30"
Connector	"F" type female
Output Impedance	75 ohm
Wind Operational	100 mph
Wind Survivable	120 mph
Enclosure Materials	UV Resistant ABS
Operating Temp.	-40 to 70 degrees Celsius



The wideband omnidirectional vertical dipole antenna is enclosed in a ABS radome and does not require any field tuning or adjustments over the entire UHF TV band. The antenna uses brass and aluminum alloy in its construction and the compact size of the antenna allows for easy handling and shipping.

The F-Female termination of the antenna is fixed at the bottom of the mounting pipe for complete weather protection. The cylindrical enclosure provides for minimal wind loading and ice formation as well as providing an aesthetically pleasing appearance. Stainless steel mounting brackets are provided.

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Specs subject to change without notice



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