

**CARLSON**

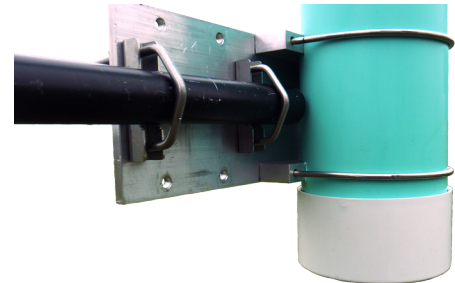
BROADBAND AND VOICE PRODUCTS

High-Gain Omnidirectional UHF Antenna for RuralConnect® Base Station

Frequency Range	470 MHz-786 MHz
VSWR	1.5:1
Active Elements	32 - 2 bays
Radiation Pattern	E plane 360 deg +/- 1dB H plane 29 deg +/- 1dB
Gain	5.8 dBi
Maximum Height	42"
Maximum Diameter	6.5"
Linear Polarization	Vertical
Shipping Weight	Box 1: 18 lbs. Box 2: 7 lbs.
Carton Dimensions	Box 1: 8" x 8" x 53" Box 2: 14" x 14" x 4"
Connector	"F" type female
Impedance	75 ohm
Wind Operational	100 mph
Wind Survivable	120 mph
Enclosure Materials	UV Resistant PVC
Operating Temp.	-40 to 70 degrees Celsius



Vertical Mast Mount



Horizontal Crossbar Mount

The wideband omnidirectional vertical dipole antenna is enclosed in a UV-resistant radome and does not require any field tuning or adjustments over the entire UHF TV band. The antenna uses stainless steel 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.

UPS Shippable!



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Made in U.S.A.

Carlson Part Number: 053-470-786-6-V

Specs subject to change without notice



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