



## CSHXX-6516-VT

**Andrew® Micro AcCELLerator™ Quad Tri-sector Teletilt® Antenna, 1710–2180 MHz, 65° horizontal beamwidth, RET compatible**

- Each antenna is independently capable of field adjustable electrical tilt
- Fully compatible with Andrew Teletilt® remote control system
- Fully integrated flange mounting system for ease of installation
- Aesthetically pleasing flag-pole solution for tough zoning sites
- Wideband UMTS coverage

### **OBSOLETE**

This product was discontinued on: April 2, 2013

## Electrical Specifications

Frequency Band, MHz	1710–1880	1850–1990	1920–2180
Gain, dBi	17.7	18.0	18.0
Beamwidth, Horizontal, degrees	67	65	63
Beamwidth, Vertical, degrees	7.5	7.0	6.5
Beam Tilt, degrees	0–10	0–10	0–10
USLS, typical, dB	18	18	18
Front-to-Back Ratio at 180°, dB	30	30	30
Isolation, dB	30	30	30
VSWR   Return Loss, dB	1.4   15.6	1.4   15.6	1.4   15.6
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150	-150
Input Power per Port, maximum, watts	350	350	350
Polarization	±45°	±45°	±45°
Impedance	50 ohm	50 ohm	50 ohm

## General Specifications

Antenna Brand	Andrew®
Antenna Type	DualPol® single band, quad tri-sector
Band	Single band
Brand	DualPol®   Teletilt®
Operating Frequency Band	1710 – 2180 MHz

## Mechanical Specifications

Color	Light gray
Lightning Protection	dc Ground
Radiator Material	Aluminum
Radome Material	Fiberglass, UV resistant
RF Connector Interface	7-16 DIN Female
RF Connector Location	Bottom
RF Connector Quantity, total	12
Wind Speed, maximum	241.4 km/h   150.0 mph

## Dimensions

# Product Specifications

COMMSCOPE®

CSHXX-6516-VT

POWERED BY



Length	1835.2 mm   72.3 in
Outer Diameter	457.2 mm   18.0 in
Net Weight	102.0 kg   224.9 lb

## Remote Electrical Tilt (RET) Information

Model with Factory Installed AISG 1.1 Actuator CSHXX-6516-R2

Model with Factory Installed AISG 2.0 Actuator CSHXX-6516-A6

RET System Teletilt®

## Regulatory Compliance/Certifications

### Agency

RoHS 2011/65/EU  
China RoHS SJ/T 11364-2006  
ISO 9001:2008

### Classification

Compliant by Exemption  
Above Maximum Concentration Value (MCV)  
Designed, manufactured and/or distributed under this quality management system

