



## CSHXX-6516-R2-TAD

**Andrew® Quad Micro AcCELLerator™ Tri-sector Concealment Teletilt® Antenna Solution with six OneBase™ Tower Mounted Amplifiers, 1710–2155 MHz, 65° horizontal beamwidth**

- Includes six dual band tower mounted amplifiers and is preconfigured with SureFlex™ jumpers
- Fully integrated flange mounting system for ease of installation
- Independent control of electrical downtilt on each antenna sector
- Includes factory installed AISG RET actuators
- Lightning spike included with antenna

### **OBSOLETE**

This product was discontinued on: May 31, 2014

## Electrical Specifications

Frequency Band, MHz	1710–2155
Gain, dBi	17.5
Beamwidth, Horizontal, degrees	65
Beamwidth, Vertical, degrees	7.2
Beam Tilt, degrees	0–10
USLS, typical, dB	18
Front-to-Back Ratio at 180°, dB	24
Isolation, dB	30
VSWR   Return Loss, dB	1.5   14.0
PIM, 3rd Order, 2 x 20 W, dBc	-150
Input Power per Port, maximum, watts	350
Polarization	±45°
Impedance	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 – 2155 MHz

## Mechanical Specifications

Color	Light gray
Lightning Protection	dc Ground
Radiator Material	Aluminum
Radome Material	ABS, UV resistant
RF Connector Interface	7-16 DIN Female
RF Connector Location	Bottom
RF Connector Quantity, total	12
Wind Area, maximum	0.4 m²   4.0 ft²
Wind Loading, maximum	1043.4 N @ 150 km/h

CSHXX-6516-R2-TAD



Wind Speed, maximum                      234.6 lbf @ 150 km/h  
241.4 km/h | 150.0 mph

## Dimensions

Length    2749.6 mm | 108.3 in  
Outer Diameter                                  457.2 mm | 18.0 in  
Net Weight                                        188.2 kg | 414.9 lb

## Remote Electrical Tilt (RET) Information

Model with Factory Installed AISG 2.0 Actuator    CSHXX-6516-A6-TAD  
RET System    Teletilt®

## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



## Included Products

ETT19V2S12UB — Tower Mounted Amplifier, Dual Band AWS/PCS with AISG