



CTSDG-06516-XDM

DualPol® Antenna

**DualPol®
Teletilt®**

- Patented cross dipole and feed system.
- Features field adjustable electrical down tilt with multiple, linear phase shifters for excellent RF control.
- Fully compatible with Andrew Teletilt® remote control antenna system.
- Rugged, reliable design with excellent PIM suppression.

ELECTRICAL

Frequency (MHz) :	806 - 896	870 - 960
Polarization :	±45°	±45°
Gain (dBd/dBi) :	15.4/17.5	15.6/17.7
Azimuth BW (Deg.):	65	65
Elevation BW (Deg.):	7.5	7
Beam Tilt (Deg.):	0-8	0-8
USLS* (dB) :	17	17
Front-To-Back Ratio* (dB) :	30	30
Isolation (dB) :	>30	>30
VSWR :	<1.4:1	<1.4:1
PIM3 @ 2 x 20w (dBc) :	-150	-150
Max. Input Power (Watts) :	250	250
Impedance (Ohms) :	50	50
Lightning Protection :	DC Ground	DC Ground



MECHANICAL

Weight :	18.5 kg (40.8 lb)
Dimensions (LxWxD) :	2,565 x 269 x 132 mm (101 x 10.6 x 5.2 in)
Max. Wind Area :	0.39 m ² (4.2 ft ²)
Max. Wind Load (@ 100 mph) :	1,058.6 N (238 lbf)
Max. Wind Speed :	241 km/h (150 mph)
Hardware Material :	Galvanized Steel
Connector Type :	7-16 DIN - Female (2, Bottom)
Color :	Off White
Standard Mounting Hardware :	600899A-2

RET Ordering Information

Field Installed:	CTSDG-06516-XDM
Factory Installed, ATM200 Series:	CTSDG-06516-R2DM

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* - Indicates Typical
7/16/2007
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Information correct at date of issue but may be subject to change without notice.



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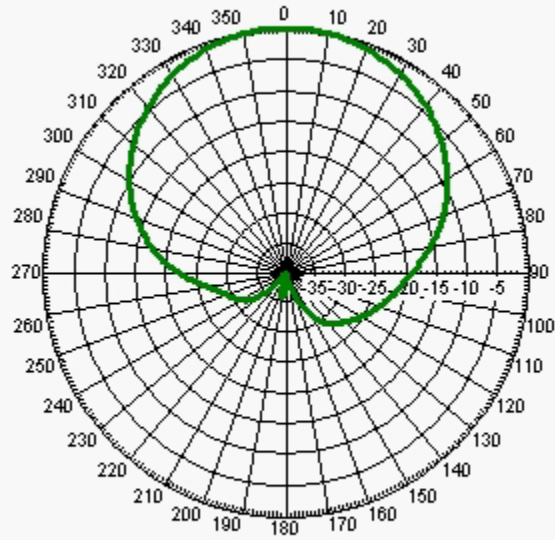
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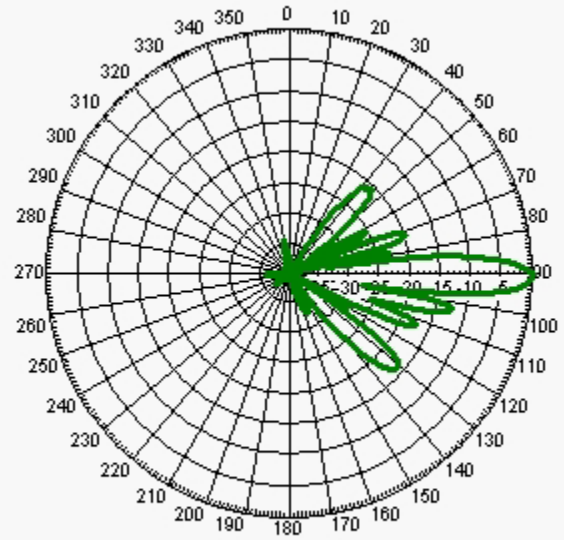
Teletilt®

AZIMUTH PATTERN

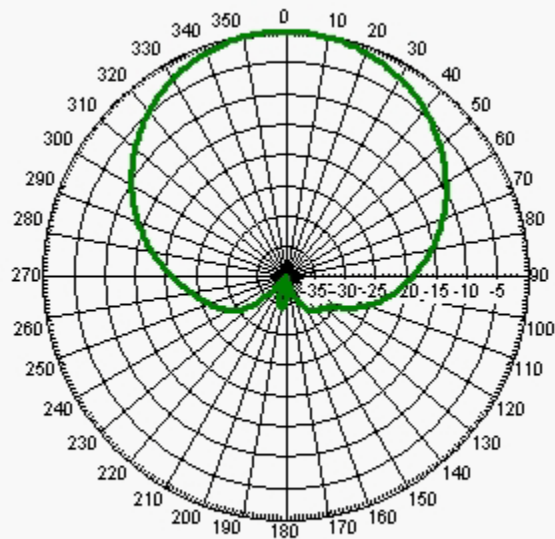
ELEVATION PATTERN



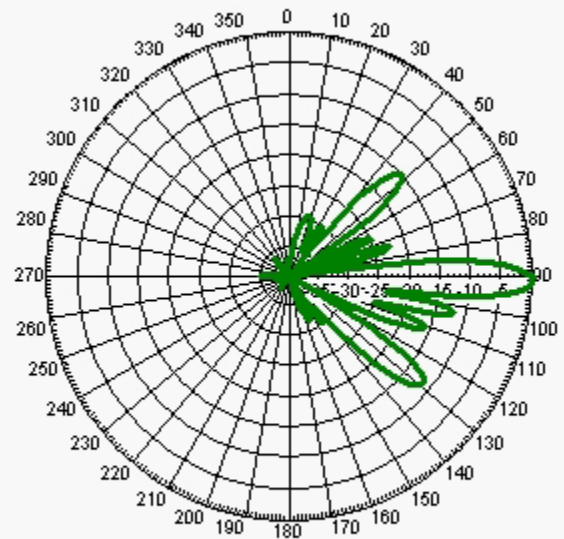
Freq: 850 MHz, Tilt: 0



Freq: 850 MHz, Tilt: 0



Freq: 935 MHz, Tilt: 0



Freq: 935 MHz, Tilt: 0