



LBX-4517DS-VTM

DualPol® Antenna

DualPol®

Teletilt®

- Ideal antenna for high gain corridor coverage or capacity optimization.
- Features field adjustable electrical down tilt.
- 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) :	15.9/18	16.4/18.5
Azimuth BW (Deg.):	45	44
Elevation BW (Deg.):	10	9.6
Beam Tilt (Deg.):	0-10	0-10
USLS* (dB) :	16	16
Front-To-Back Ratio* (dB) :	32	32
Isolation (dB) :	>30	>30
VSWR :	<1.4:1	<1.4:1
PIM3 @ 2 x 20w (dBc) :	-150	-150
Max. Input Power (Watts) :	300	300
Impedance (Ohms) :	50	50
Lightning Protection :	DC Ground	DC Ground



MECHANICAL

Weight :	19.0 kg (41.9 lb)
Dimensions (LxWxD) :	2,012 x 389 x 234 mm (79.2 x 15.3 x 9.2 in)
Max. Wind Area :	0.33 m ² (3.6 ft ²)
Max. Wind Load (@ 100 mph) :	920.7 N (207 lbf)
Max. Wind Speed :	241 km/h (150 mph)
Hardware Material :	Galvanized Steel
Connector Type :	7-16 DIN - Female (2, Bottom)
Color :	Light Gray
Standard Mounting Hardware :	DB380-3
Standard Downtilt	
Mounting Hardware :	DB5083D
WeatherShield™ Enclosure: (Must order separately)	AWE-A12

RET Ordering Information

Field Installed:	LBX-4517DS-VTM
Factory Installed, ATM200 Series:	LBX-4517DS-R2M

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* - Indicates Typical
6/8/2007
dbtech@andrew.com

Information correct at date of issue but may be subject to change without notice.



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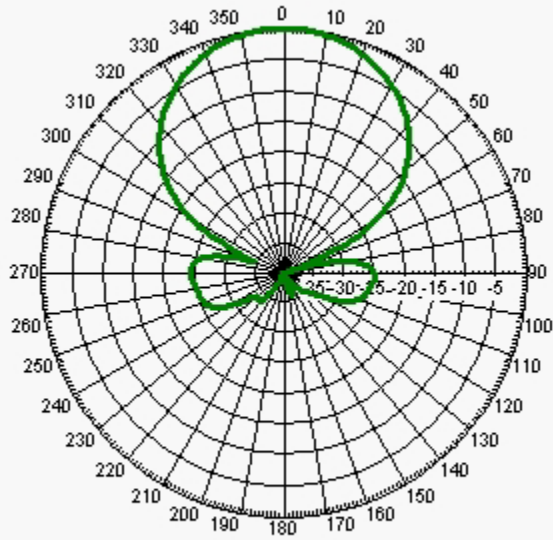
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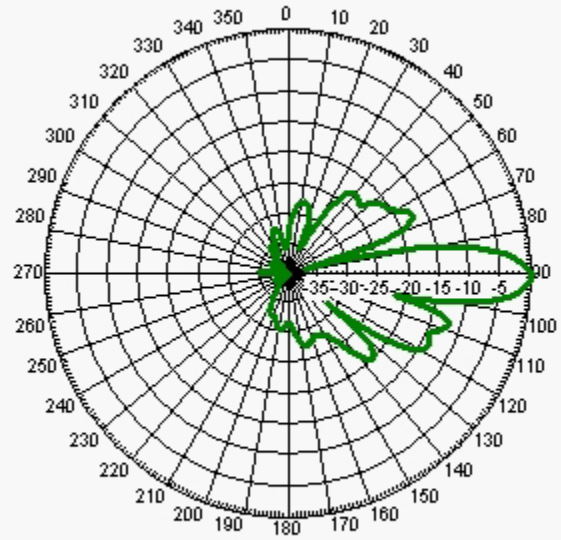
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AZIMUTH PATTERN

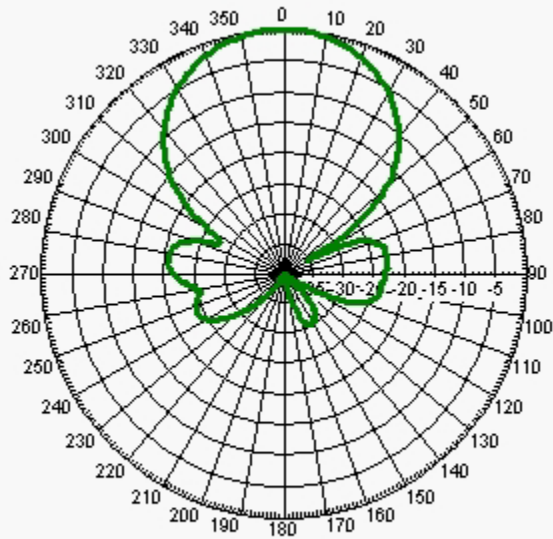
ELEVATION PATTERN



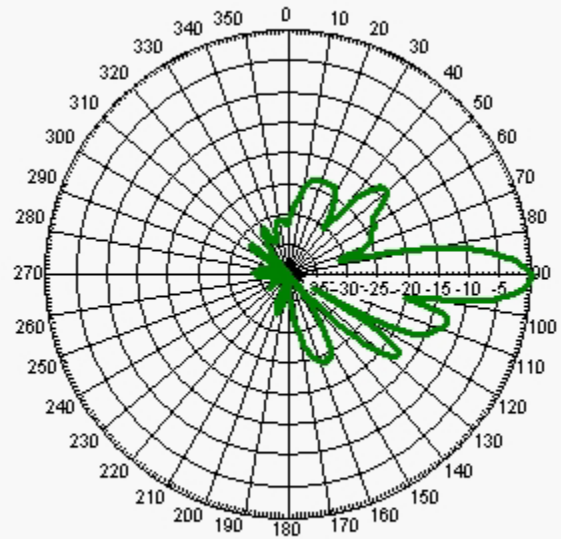
Freq: 850 MHz, Tilt: 0



Freq: 850 MHz, Tilt: 0



Freq: 935 MHz, Tilt: 0



Freq: 935 MHz, Tilt: 0