



## LBX-6513DS-T3M

**Andrew® Antenna, 806–960 MHz, 65° horizontal beamwidth, fixed electrical tilt**

- Patented cross dipole and feed system
- Ideal choice for site collocations and tough zoning restrictions
- Excellent front-to-back ratio, USLS, VSWR, and PIM specifications to enhance network quality
- Great solution to maximize network coverage and capacity

### **OBSOLETE**

**This product was discontinued on: December 31, 2015**

#### **Replaced By**

LDX-6513DS-VTM  
LDX-6513DS-A1M

Andrew® Antenna, 790–960 MHz, 65° horizontal beamwidth, RET compatible

## Electrical Specifications

Frequency Band, MHz	806–896	870–960
Gain, dBi	15.0	15.2
Beamwidth, Horizontal, degrees	65	65
Beamwidth, Vertical, degrees	15.0	14.0
Beam Tilt, degrees	3	3
USLS, typical, dB	16	16
Front-to-Back Ratio at 180°, dB	32	30
Isolation, dB	30	30
VSWR   Return Loss, dB	1.4   15.6	1.4   15.6
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150
Input Power per Port, maximum, watts	500	500
Polarization	±45°	±45°
Impedance	50 ohm	50 ohm

## General Specifications

Antenna Brand	Andrew®
Antenna Type	DualPol®
Band	Single band
Operating Frequency Band	806 – 960 MHz
Performance Note	Outdoor usage

## 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	2

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Wind Loading, maximum	397.0 N @ 150 km/h 89.2 lbf @ 150 km/h
Wind Speed, maximum	241 km/h   150 mph

## Dimensions

Depth	141.0 mm   5.6 in
Length	1225.0 mm   48.2 in
Width	310.0 mm   12.2 in
Net Weight	7.8 kg   17.2 lb

## Packed Dimensions

Depth	307.0 mm   12.1 in
Length	1484.0 mm   58.4 in
Width	429.0 mm   16.9 in
Shipping Weight	17.4 kg   38.4 lb

## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	
China RoHS SJ/T 11364-2006	
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

## Included Products

**DB380** — Pipe Mounting Kit for 2.4"-4.5" (60-115mm) OD round members on wide panel antennas. Includes 2 clamp sets and double nuts.

**DB5083** — Downtilt Mounting Kit for 2.4"-4.5" (60 - 115 mm) OD round members. Includes a heavy-duty, galvanized steel downtilt mounting bracket assembly and associated hardware. This kit is compatible with the DB380 pipe mount kit for panel antennas that are equipped with two mounting brackets.

## \* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance
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