



LBX-9014DS-T3M

Andrew® Antenna, 806–960 MHz, 90° horizontal beamwidth, fixed electrical tilt

- Smallest profile, high gain, 90°, DualPol® antenna with significant wind load reduction
- Exceptional upper sidelobe suppression and front-to-back ratio
- Rugged, reliable design with excellent passive intermodulation suppression

OBSOLETE

This product was discontinued on: May 31, 2014

Replaced By

LDX-9014DS-VTM

Andrew® Teletilt® Antenna, 790–960 MHz, 90° horizontal beamwidth, RET compatible

Electrical Specifications

Frequency Band, MHz	806–896	870–960
Gain, dBi	16.3	16.9
Beamwidth, Horizontal, degrees	90	90
Beamwidth, Vertical, degrees	8.0	7.6
Beam Tilt, degrees	3	3
USLS, typical, dB	16	16
Front-to-Back Ratio at 180°, dB	32	32
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
Brand	DualPol®
Operating Frequency Band	806 – 960 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	2
Wind Loading, maximum	933.5 N @ 150 km/h

LBX-9014DST3M



209.9 lbf @ 150 km/h
Wind Speed, maximum 241.0 km/h | 149.8 mph

Dimensions

Depth 168.0 mm | 6.6 in
Length 2445.0 mm | 96.3 in
Width 311.0 mm | 12.2 in
Net Weight 12.5 kg | 27.6 lb

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

- DB380-3 — Pipe Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Used for wide panel antennas. Includes three clamp sets.
- DB5083D — Downtilt Mounting Kit for 2.4"-4.5" (60-115 mm) OD round members. Consists of two DB5083 heavy-duty, galvanized steel downtilt mounting brackets. This kit is compatible with the DB380-3 pipe mount for panel antennas with three mounting points.