



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

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

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	397.0 N @ 150 km/h 89.2 lbf @ 150 km/h
Wind Speed, maximum	241.0 km/h 149.8 mph

Dimensions

Depth	141.0 mm 5.6 in
Length	1225.0 mm 48.2 in
Width	310.0 mm 12.2 in

LBX-6513DS-T3M



Net Weight 7.8 kg | 17.2 lb

Regulatory Compliance/Certifications

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

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.