



LBX-9012DS-VTM

Andrew® Antenna, 806–960 MHz, 90° horizontal beamwidth, RET compatible variable electrical tilt

- Excellent gain in small, attractive package
- Extended tilt range offers better coverage

Electrical Specifications

Frequency Band, MHz	806–896	870–960
Gain, dBi	13.7	14.1
Beamwidth, Horizontal, degrees	89	89
Beamwidth, Vertical, degrees	16.5	15.5
Beam Tilt, degrees	0–16	0–16
USLS, typical, dB	16	16
Front-to-Back Ratio at 180°, dB	25	25
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	350	350
Polarization	±45°	±45°
Impedance	50 ohm	50 ohm

General Specifications

Antenna Brand	Andrew®
Antenna Type	DualPol®
Band	Single band
Brand	DualPol® Teletilt®
Operating Frequency Band	806 – 960 MHz

Mechanical Specifications

Color	Light gray
Lightning Protection	dc Ground
Radiator Material	Aluminum
Radome Material	PVC, UV resistant
RF Connector Interface	7-16 DIN Female
RF Connector Location	Bottom
RF Connector Quantity, total	2
Wind Loading, maximum	402.2 N @ 150 km/h 90.4 lbf @ 150 km/h
Wind Speed, maximum	241.6 km/h 150.1 mph

Dimensions

Depth	132.0 mm 5.2 in
Length	1294.0 mm 50.9 in

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Width 269.0 mm | 10.6 in
Net Weight 11.8 kg | 26.0 lb

Remote Electrical Tilt (RET) Information

Model with Factory Installed AISG 2.0 Actuator LBX-9012DS-A1M
RET System Teletilt®

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

600899A-2 — Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.