

POWERED BY



LBX-6515DSP-VTM

Andrew® DualPol® Antenna, 806–960 MHz, 65° horizontal beamwidth, RET compatible variable electrical tilt

- Features field adjustable electrical tilt with multiple phase shifters for excellent RF control
- Rugged, reliable design with excellent passive intermodulation suppression
- Fully compatible with Andrew Teletilt® remote control system
- Vertical beam optimized for capacity efficiency

OBSOLETE

This product was discontinued on: December 31, 2012

Replaced By:

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Electrical Specifications

Frequency Band, MHz	806–896	870–960
Gain, dBi	16.9	17.2
Beamwidth, Horizontal, degrees	65	65
Beamwidth, Vertical, degrees	8.5	8.0
Beam Tilt, degrees	0–10	0–10
USLS, typical, dB	18	18
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	350	350
Polarization	±45°	±45°
Impedance	50 ohm	50 ohm

Mechanical Specifications

Color	Light gray
Connector Interface	7-16 DIN Female
Connector Location	Bottom
Connector Quantity	2
Lightning Protection	dc Ground
Radome Material	PVC, UV resistant
Wind Area, maximum	0.3 m ² 3.7 ft ²
Wind Loading, maximum	828.2 N @ 150 km/h 186.2 lbf @ 150 km/h
Wind Speed, maximum	241.5 km/h 150.0 mph

Dimensions

Depth	132.0 mm 5.2 in
Length	2339.0 mm 92.1 in
Width	269.0 mm 10.6 in

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Net Weight 17.9 kg | 39.4 lb



Remote Electrical Tilt (RET) Information

Model with Factory Installed AISG 1.1 Actuator LBX-6515DSP-R2M

Model with Factory Installed AISG 2.0 Actuator LBX-6515DSP-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.