



LDX-6515DSP-VTM

Andrew® Antenna, 790–960 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
- Vertical beam optimized for capacity efficiency

Electrical Specifications

Frequency Band, MHz	790–896	870–960
Gain, dBi	17.1	17.1
Beamwidth, Horizontal, degrees	65	65
Beamwidth, Vertical, degrees	8.7	8.1
Beam Tilt, degrees	0–10	0–10
USLS, typical, dB	17	16
Front-to-Back Ratio at 180°, dB	27	28
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	790 – 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 Area, maximum	0.3 m² 3.7 ft²
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
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Length	2339.0 mm 92.1 in
Width	269.0 mm 10.6 in
Net Weight	17.9 kg 39.4 lb

Remote Electrical Tilt (RET) Information

Model with Factory Installed AISG 2.0 Actuator LDX-6515DSP-A1M
RET System Teletilt®

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU
China RoHS SJ/T 11364-2006

Classification

Compliant by Exemption
Above Maximum Concentration Value (MCV)



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.