



LBX-3319DS-VTM

Andrew® Antenna, 806–960 MHz, 33° horizontal beamwidth, RET compatible variable electrical tilt

- Narrow horizontal beamwidth ideal for corridor coverage or six sector solutions
- Azimuth sidelobe suppression greater than 18 dB

OBSOLETE

This product was discontinued on: December 31, 2015

Replaced By

LDX-3319DS-VTM	Andrew® Antenna, 790–960 MHz, 33° horizontal beamwidth, RET compatible variable
LDX-3319DS-A1M	electrical tilt

Electrical Specifications

Frequency Band, MHz	806–896	870–960
Gain, dBi	19.3	20.5
Beamwidth, Horizontal, degrees	33	33
Beamwidth, Vertical, degrees	7.5	7.1
Beam Tilt, degrees	0–8	0–8
USLS, typical, dB	17	17
Front-to-Back Ratio at 180°, dB	30	35
Isolation, dB	30	30
VSWR Return Loss, dB	1.4 15.6	1.4 15.6
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153
Input Power per Port, maximum, watts	300	300
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
Performance Note	Outdoor usage

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

LBX-3319DS-VTM

RF Connector Quantity, total 2

Wind Loading, maximum 1149.4 N @ 150 km/h
258.4 lbf @ 150 km/h

Wind Speed, maximum 242 km/h | 150 mph

Dimensions

Depth	182.0 mm 7.2 in
Length	2581.0 mm 101.6 in
Width	591.0 mm 23.3 in
Net Weight	29.7 kg 65.5 lb

Remote Electrical Tilt (RET) Information

RET System	Teletilt®
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Packed Dimensions

Depth	346.0 mm 13.6 in
Length	3020.0 mm 118.9 in
Width	782.0 mm 30.8 in
Shipping Weight	48.5 kg 106.9 lb

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

China RoHS SJ/T 11364-2006

ISO 9001:2008

Classification

Compliant by Exemption

Above Maximum Concentration Value (MCV)

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.

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance
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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.

OBSOLETE

This product was discontinued on: May 31, 2016

Replaced By

BSAMNT-1	Wide Profile Antenna 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.
BSAMNT-M	Middle Downtilt Mounting Kit for Long Antennas for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor bracket set.

General Specifications

Antenna Brand	Andrew®
Mount Type	Pipe mounts
Application	Outdoor
Includes	Brackets Hardware
Package Quantity	1

Mechanical Specifications

Color	Silver
Material Type	Galvanized steel

Dimensions

Compatible Diameter, maximum	114.3 mm 4.5 in
Compatible Diameter, minimum	61.0 mm 2.4 in
Net Weight	4.0 kg 8.8 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
China RoHS SJ/T 11364-2006	Below Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system





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.

OBSOLETE

This product was discontinued on: May 31, 2016

Replaced By

BSAMNT-M

Middle Downtilt Mounting Kit for Long Antennas for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor bracket set.

General Specifications

Antenna Brand	Andrew®
Mount Type	Downtilt mounts
Application	Outdoor
Includes	Brackets Hardware
Package Quantity	1

Mechanical Specifications

Color	Silver
Material Type	Galvanized steel

Dimensions

Compatible Diameter, maximum	114.3 mm 4.5 in
Compatible Diameter, minimum	61.0 mm 2.4 in
Net Weight	4.2 kg 9.3 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
China RoHS SJ/T 11364-2006	Below Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

