

# LBX-3319DS-TOM



2-port sector antenna, 2x 806–960 MHz, 33° HPBW, fixed tilt

- Air dielectric feed system with no screws, rivets, solder, or welding in dipole feed point
- Narrow horizontal beamwidth ideal for corridor coverage or six sector solutions
- Azimuth sidelobe suppression greater than 18 dB

## OBSOLETE

This product was discontinued on: March 27, 2020

## General Specifications

<b>Antenna Type</b>	Sector
<b>Band</b>	Single band
<b>Color</b>	Light gray
<b>Grounding Type</b>	RF connector inner conductor and body grounded to reflector and mounting bracket
<b>Performance Note</b>	Outdoor usage
<b>Radome Material</b>	Fiberglass, UV resistant
<b>Radiator Material</b>	Aluminum
<b>RF Connector Interface</b>	7-16 DIN Female
<b>RF Connector Location</b>	Rear
<b>RF Connector Quantity, low band</b>	2
<b>RF Connector Quantity, total</b>	2

## Dimensions

<b>Width</b>	591 mm   23.268 in
<b>Length</b>	2577 mm   101.457 in
<b>Depth</b>	182 mm   7.165 in

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	806 – 960 MHz
<b>Polarization</b>	±45°

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## Electrical Specifications

Frequency Band, MHz	806–896	870–960
Gain, dBi	20.8	21.3
Beamwidth, Horizontal, degrees	34	32.5
Beamwidth, Vertical, degrees	7.9	7.4
Beam Tilt, degrees	0	0
USLS, typical, dB	22	20
Front-to-Back Ratio at 180°, dB	35	35
Isolation, Cross Polarization, 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

## Mechanical Specifications

Wind Loading at Velocity, frontal	1,612.0 N @ 150 km/h   362.4 lbf @ 150 km/h
Wind Loading at Velocity, lateral	342.0 N @ 150 km/h   76.9 lbf @ 150 km/h
Wind Speed, maximum	241 km/h   149.75 mph

## Packaging and Weights

Width, packed	730 mm   28.74 in
Depth, packed	283 mm   11.142 in
Length, packed	2780 mm   109.449 in
Net Weight, without mounting kit	21.3 kg   46.958 lb
Weight, gross	45 kg   99.208 lb

## Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant/Exempted



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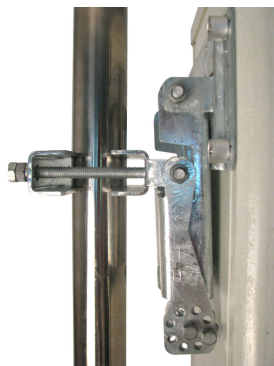
## Included Products

- BSAMNT-3 — 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.

## \* Footnotes

**Performance Note**      Severe environmental conditions may degrade optimum performance

# BSAMNT-3



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.

## General Specifications

<b>Application</b>	Outdoor
<b>Color</b>	Silver

## Dimensions

<b>Compatible Diameter, maximum</b>	114.3 mm   4.5 in
<b>Compatible Diameter, minimum</b>	61 mm   2.402 in

## Material Specifications

<b>Material Type</b>	Galvanized steel
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## Packaging and Weights

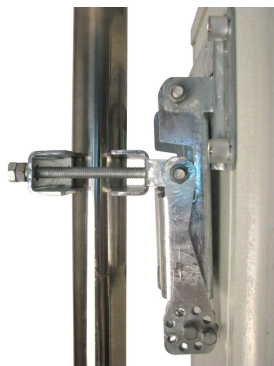
<b>Included</b>	Brackets   Hardware
<b>Packaging quantity</b>	1

## Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant



# 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

<b>Application</b>	Outdoor
<b>Color</b>	Silver

## Dimensions

<b>Compatible Diameter, maximum</b>	114.3 mm   4.5 in
<b>Compatible Diameter, minimum</b>	61 mm   2.402 in

## Material Specifications

<b>Material Type</b>	Galvanized steel
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## Packaging and Weights

<b>Included</b>	Brackets   Hardware
<b>Packaging quantity</b>	1

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

