

# LDXX-6515DS-VTM | LDXX-6515DS-A2M



4-port sector antenna, 4x 790–960 MHz, 65° HPBW, RET compatible

- Two DualPol® antennas under one radome
- Each DualPol® array can be independently adjusted for greater flexibility
- Engineered to provide wideband capability to support “Digital Dividend” band applications, future ready

## OBSOLETE

This product was discontinued on: **March 31, 2023**

### Replaced By:

4P-4L-B2                      4-port sector antenna, 4x 694–960 MHz, 65° HPBW

## General Specifications

<b>Antenna Type</b>	Sector
<b>Band</b>	Single band
<b>Color</b>	Light Gray (RAL 7035)
<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>Reflector Material</b>	Aluminum
<b>RF Connector Interface</b>	7-16 DIN Female
<b>RF Connector Location</b>	Bottom
<b>RF Connector Quantity, low band</b>	4
<b>RF Connector Quantity, total</b>	4

## Remote Electrical Tilt (RET) Information

**Model with Factory Installed AISG 2.0 Actuator**                      LDXX-6515DS-A2M

## Dimensions

<b>Width</b>	549 mm   21.614 in
<b>Depth</b>	165 mm   6.496 in

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<b>Length</b>	2070 mm   81.496 in
<b>Net Weight, without mounting kit</b>	35.6 kg   78.484 lb

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	790 – 960 MHz
<b>Polarization</b>	±45°

## Electrical Specifications

<b>Frequency Band, MHz</b>	<b>790–862</b>	<b>824–894</b>	<b>870–960</b>
<b>Gain, dBi</b>	16.3	16.4	17
<b>Beamwidth, Horizontal, degrees</b>	68.1	65.9	63
<b>Beamwidth, Vertical, degrees</b>	10.4	10	9.6
<b>Beam Tilt, degrees</b>	0–10	0–10	0–10
<b>USLS (First Lobe), dB</b>	18	18	17
<b>Front-to-Back Ratio at 180°, dB</b>	32	28	27
<b>Front-to-Back Total Power at 180° ± 30°, dB</b>	26	25	23
<b>CPR at Boresight, dB</b>	24	23	23
<b>CPR at Sector, dB</b>	14	13	10
<b>Isolation, Cross Polarization, dB</b>	30	30	30
<b>VSWR   Return loss, dB</b>	1.4   15.6	1.4   15.6	1.4   15.6
<b>PIM, 3rd Order, 2 x 20 W, dBc</b>	-150	-150	-150
<b>Input Power per Port, maximum, watts</b>	350	350	350

## Mechanical Specifications

<b>Wind Loading @ Velocity, frontal</b>	1,407.0 N @ 150 km/h (316.3 lbf @ 150 km/h)
<b>Wind Loading @ Velocity, lateral</b>	337.0 N @ 150 km/h (75.8 lbf @ 150 km/h)
<b>Wind Loading @ Velocity, rear</b>	1,558.0 N @ 150 km/h (350.3 lbf @ 150 km/h)
<b>Wind Speed, maximum</b>	241 km/h (150 mph)

## Packaging and Weights

<b>Width, packed</b>	693 mm   27.283 in
<b>Depth, packed</b>	291 mm   11.457 in
<b>Length, packed</b>	2294 mm   90.315 in

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**Weight, gross**

54.8 kg | 120.813 lb

## 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
UK-ROHS	Compliant



## 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.

## Product Classification

**Product Type** Downtilt mounting kit

## General Specifications

**Application** Outdoor

**Color** Silver

## Dimensions

**Compatible Diameter, maximum** 115 mm | 4.528 in

**Compatible Diameter, minimum** 60 mm | 2.362 in

**Weight, net** 6.2 kg | 13.669 lb

## Material Specifications

**Material Type** Galvanized steel

## Packaging and Weights

**Included** Brackets | Hardware

**Packaging quantity** 1

**Weight, gross** 6.4 kg | 14.11 lb

## 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
UK-ROHS	Compliant

# BSAMNT-3

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# 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.

## Product Classification

**Product Type** Downtilt mounting kit

## General Specifications

**Application** Outdoor

**Color** Silver

## Dimensions

**Compatible Diameter, maximum** 115 mm | 4.528 in

**Compatible Diameter, minimum** 60 mm | 2.362 in

**Weight, net** 4.5 kg | 9.921 lb

## Material Specifications

**Material Type** Galvanized steel

## Packaging and Weights

**Included** Brackets | Hardware

**Packaging quantity** 1

## Regulatory Compliance/Certifications

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CHINA-ROHS	Below maximum concentration value
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