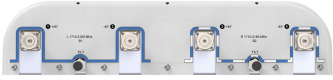


# HBXX-3319DS-VTM | HBXX-3319DS-A2M



4-port sector antenna, 4x 1710–2180 MHz, 33° HPBW, RET compatible

This product will be discontinued on: December 31, 2025

## 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>	Low loss circuit board
<b>RF Connector Interface</b>	7-16 DIN Female
<b>RF Connector Location</b>	Bottom
<b>RF Connector Quantity, high band</b>	4
<b>RF Connector Quantity, mid band</b>	0
<b>RF Connector Quantity, low band</b>	0
<b>RF Connector Quantity, total</b>	4

## Remote Electrical Tilt (RET) Information

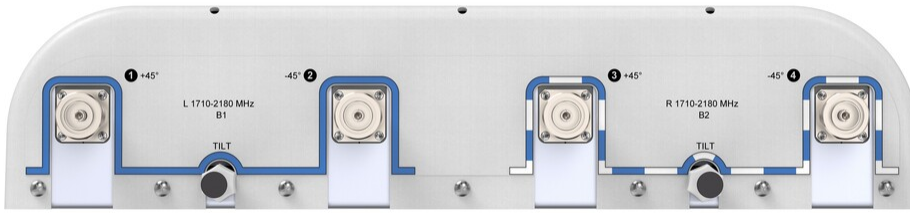
<b>Model with Factory Installed AISG 2.0 Actuator</b>	HBXX-3319DS-A2M
---	-----------------

## Dimensions

<b>Width</b>	564 mm   22.205 in
<b>Depth</b>	125 mm   4.921 in
<b>Length</b>	1448 mm   57.008 in
<b>Net Weight, without mounting kit</b>	17.3 kg   38.14 lb

# HBXX-3319DS-VTM | HBXX-3319DS-A2M

## Port Configuration



## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	1710 – 2180 MHz
<b>Polarization</b>	±45°

## Electrical Specifications

<b>Frequency Band, MHz</b>	<b>1710–1880</b>	<b>1850–1990</b>	<b>1920–2180</b>
<b>Gain, dBi</b>	20.3	20.3	20.7
<b>Beamwidth, Horizontal, degrees</b>	36	35.1	34
<b>Beamwidth, Vertical, degrees</b>	6.5	6.2	5.9
<b>Beam Tilt, degrees</b>	0–10	0–10	0–10
<b>USLS (First Lobe), dB</b>	15	16	16
<b>Front-to-Back Ratio at 180°, dB</b>	41	42	42
<b>Isolation, Cross Polarization, dB</b>	30	30	30
<b>Isolation, Inter-band, dB</b>	28	30	30
<b>VSWR   Return loss, dB</b>	1.5 14.0	1.5 14.0	1.5 14.0
<b>PIM, 3rd Order, 2 x 20 W, dBc</b>	-153	-153	-153
<b>Input Power per Port at 50°C, maximum, watts</b>	250	250	250

## Mechanical Specifications

<b>Wind Loading @ Velocity, frontal</b>	1,019.0 N @ 150 km/h (229.1 lbf @ 150 km/h)
<b>Wind Loading @ Velocity, lateral</b>	176.0 N @ 150 km/h (39.6 lbf @ 150 km/h)
<b>Wind Loading @ Velocity, rear</b>	1,089.0 N @ 150 km/h (244.8 lbf @ 150 km/h)
<b>Wind Speed, maximum</b>	201 km/h (125 mph)

# HBXX-3319DS-VTM | HBXX-3319DS-A2M

---

## Packaging and Weights

<b>Width, packed</b>	758 mm   29.843 in
<b>Depth, packed</b>	281 mm   11.063 in
<b>Length, packed</b>	1934 mm   76.142 in
<b>Weight, gross</b>	30.8 kg   67.902 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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.andrew.com/ProductCompliance">www.andrew.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.

## \* Footnotes

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