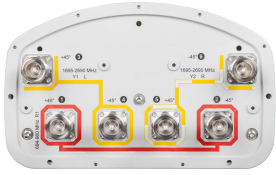


# RVV65A-R3-J



6-port sector antenna, 2x 694–960 and 4x 1695–2690 MHz, 65° HPBW, 3x RET

- Utilizes AccuRET® actuator(s) on the back of the antenna

**OBSOLETE**

This product was discontinued on: **March 30, 2024**

## General Specifications

<b>Antenna Type</b>	Sector
<b>Band</b>	Multiband
<b>Grounding Type</b>	RF connector inner conductor and body grounded to reflector and mounting bracket
<b>Performance Note</b>	Outdoor usage   Wind loading figures are validated by wind tunnel measurements described in white paper WP-112534-EN
<b>Radome Material</b>	Fiberglass, UV resistant
<b>Radiator Material</b>	Aluminum   Low loss circuit board
<b>Reflector Material</b>	Aluminum
<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>	2
<b>RF Connector Quantity, total</b>	6

## Remote Electrical Tilt (RET) Information

<b>RET Interface</b>	8-pin DIN Female   8-pin DIN Male
<b>RET Interface, quantity</b>	3 female   3 male
<b>Input Voltage</b>	10–30 Vdc
<b>Internal RET</b>	High band (2)   Low band (1)
<b>Power Consumption, idle state, maximum</b>	1 W
<b>Power Consumption, normal conditions, maximum</b>	8 W

# RVV65A-R3-J

**Protocol** 3GPP/AISG 2.0 (Single RET)

## Dimensions

**Width** 301 mm | 11.85 in

**Depth** 181 mm | 7.126 in

**Length** 1412 mm | 55.591 in

**Net Weight, without mounting kit** 18.6 kg | 41.006 lb

## Electrical Specifications

**Impedance** 50 ohm

**Operating Frequency Band** 1695 – 2690 MHz | 694 – 960 MHz

**Polarization** ±45°

**Total Input Power, maximum** 850 W @ 50 °C

## Electrical Specifications

Frequency Band, MHz	694–790	790–890	890–960	1695–1920	1920–2180	2500–2690
Gain, dBi	13.8	14.1	14.5	17.2	17.5	16.7
Beamwidth, Horizontal, degrees	72	70	68	60	63	63
Beamwidth, Vertical, degrees	16.9	15.3	14.2	7.3	6.6	6.4
Beam Tilt, degrees	3–18	3–18	3–18	3–13	3–13	3–13
USLS (First Lobe), dB	16	20	17	18	18	17
Front-to-Back Ratio at 180°, dB	28	33	31	29	32	29
Isolation, Cross Polarization, dB	25	25	25	25	25	25
Isolation, Inter-band, dB	30	30	30	30	30	30
VSWR   Return loss, dB	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150	-150	-150	-150	-150
Input Power per Port at 50°C, maximum, watts	300	300	300	250	250	100

## Mechanical Specifications

**Wind Loading @ Velocity, frontal** 205.0 N @ 150 km/h (46.1 lbf @ 150 km/h)

**Wind Loading @ Velocity, lateral** 169.0 N @ 150 km/h (38.0 lbf @ 150 km/h)

**Wind Loading @ Velocity, maximum** 396.0 N @ 150 km/h (89.0 lbf @ 150 km/h)

# RVV65A-R3-J

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<b>Wind Loading @ Velocity, rear</b>	208.0 N @ 150 km/h (46.8 lbf @ 150 km/h)
<b>Wind Speed, maximum</b>	241 km/h (150 mph)

## Packaging and Weights

<b>Width, packed</b>	429 mm   16.89 in
<b>Depth, packed</b>	329 mm   12.953 in
<b>Length, packed</b>	1672 mm   65.827 in
<b>Weight, gross</b>	31.9 kg   70.327 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

## Included Products

BSAMNT-OFFSET	– Forward Offset Pipe Mounting Kit for 4.5 in (114.3 mm) OD round members
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## \* Footnotes

<b>Performance Note</b>	Severe environmental conditions may degrade optimum performance
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# BSAMNT-OFFSET

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Forward Offset Pipe Mounting Kit for 4.5 in (114.3 mm) OD round members

## Product Classification

**Product Type** Pipe mounting kit

## General Specifications

**Application** Outdoor

**Color** Silver

## Dimensions

**Compatible Diameter, maximum** 114.3 mm | 4.5 in

**Compatible Diameter, minimum** 61 mm | 2.402 in

**Weight, net** 3.5 kg | 7.716 lb

## Material Specifications

**Material Type** Galvanized steel

## Packaging and Weights

**Included** Brackets | Hardware

**Packaging quantity** 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.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



# BSAMNT-OFFSET

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