

# V4SS-360S-HG-F2



12-port small cell antenna, 8x 1695–2690, 4x 3300–4000, 360° Horizontal Beamwidth, fixed tilt.

- Antenna optimized for higher gain with superior radiation efficiency
- Powered by Andrew’s SEED® technology (Sustainable Energy Efficient Design)

## General Specifications

Antenna Type	Small Cell
Band	Multiband
Color	Light Gray (RAL 7035)
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note	Outdoor usage
RF Connector Interface	4.3-10 Female
RF Connector Location	Bottom
RF Connector Quantity, high band	4
RF Connector Quantity, mid band	8
RF Connector Quantity, total	12

## Dimensions

Width	370 mm   14.567 in
Depth	370 mm   14.567 in
Length	610 mm   24.016 in
Net Weight, without mounting kit	14 kg   30.865 lb

## Port Configuration

# V4SS-360S-HG-F2



## Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2690 MHz   3300 – 4000 MHz
Polarization	±45°

## Electrical Specifications

	Y1,Y2,Y3,Y4	Y1,Y2,Y3,Y4	Y1,Y2,Y3,Y4	P1,P2	P1,P2	P1,P2
Frequency Band, MHz	1695–1920	1920–2200	2300–2690	3300–3550	3550–3700	3700–4000
RF Port	1-8	1-8	1-8	9-12	9-12	9-12
Gain, Maximum, dBi	11.6	12.4	12.3	10.9	12.2	12.5
Gain, dBi	10.9	11.4	10.9	10.5	11.5	11.9
Beamwidth, Horizontal, degrees	360	360	360	360	360	360
Beamwidth, Vertical, degrees	14.7	13.3	11.3	9.1	8.6	8
Beam Tilt, degrees	2	2	2	2	2	2
USLS (First Lobe), dB	11	11	11	11	11	11
Isolation, Cross Polarization, dB	25	25	25	25	25	25
Isolation, Inter-band, dB	25	25	25	25	25	25
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	-153	-153	-153	-145	-145	-145
Input Power per Port,	100	100	100	75	75	75

# V4SS-360S-HG-F2

maximum, watts

## Mechanical Specifications

Wind Loading @ Velocity, frontal	129.0 N @ 150 km/h (29.0 lbf @ 150 km/h)
Wind Loading @ Velocity, lateral	129.0 N @ 150 km/h (29.0 lbf @ 150 km/h)
Wind Loading @ Velocity, maximum	129.0 N @ 150 km/h (29.0 lbf @ 150 km/h)
Wind Loading @ Velocity, rear	129.0 N @ 150 km/h (29.0 lbf @ 150 km/h)
Wind Speed, maximum	241 km/h (150 mph)

## Packaging and Weights

Width, packed	478 mm   18.819 in
Depth, packed	464 mm   18.268 in
Length, packed	894 mm   35.197 in
Weight, gross	18 kg   39.683 lb

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
UK-ROHS	Compliant

## \* Footnotes

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