

NN-360S-HG-F2



4-port small cell PerforMax™ antenna, 4x 698-896, 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	Single band
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, low band	4
RF Connector Quantity, total	4

Dimensions

Length	610 mm 24.016 in
Net Weight, without mounting kit	11 kg 24.251 lb
Outer Diameter	370 mm 14.567 in

Port Configuration

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Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	698 – 896 MHz
Polarization	±45°

Electrical Specifications

	R1,R2	R1,R2
Frequency Band, MHz	698–806	806–896
RF Port	1-4	1-4
Gain, Maximum, dBi	7.3	7.3
Gain, dBi	6.8	6.9
Beamwidth, Horizontal, degrees	360	360
Beamwidth, Vertical, degrees	35.3	31.2
Beam Tilt, degrees	2	2
USLS (First Lobe), dB	12	12
Isolation, Cross Polarization, dB	25	25
VSWR Return loss, dB	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153
Input Power per Port at 50°C, maximum, watts	100	100

Mechanical Specifications

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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	15.5 kg 34.172 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



Related Products

MC-MNT-SIDE-370	– Mounting systems for cylindrical pipe installations (50-250mm pipe diameter) .Suitable for small cell cylindrical antennas with a weight less than 20KG and dimensions less than diameter*height: 370*610mm.
MC-MNT-TOP-370	– Heavyweight Small Cell mounting kit with shroud. Capability of mounting round antenna types on the top of a pole. For installations of 14.6 inch canister small cell antennas on top of poles with diameter from 165 to 216mm (6.5" to 8.5")

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance
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