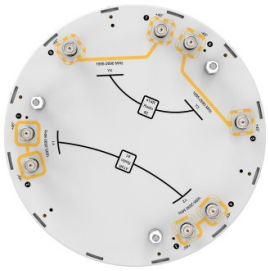
V4-360S-HG-F2



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

General Specifications

Antenna Type	Omni
Band	Multiband
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, mid band	8
RF Connector Quantity, total	8

Dimensions

Length	610 mm | 24.016 in
Net Weight, without mounting kit	15 kg | 33.069 lb
Outer Diameter	370 mm | 14.567 in

Port Configuration

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Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2690 MHz
Polarization	±45°
Total Input Power, maximum	500 W @ 50 °C

Electrical Specifications

	Y1,Y2,Y3,Y4	**Y1,Y2,Y3,Y4**	**Y1,Y2,Y3,Y4**	**Y1,Y2,Y3,Y4**
Frequency Band, MHz	**1695–1880**	**1850–1990**	**1920–2200**	**2360–2690**
RF Port	1-8	1-8	1-8	1-8
Gain, Maximum, dBi	12.2	11.8	12	12.8
Gain, dBi	10.5	10.5	10.5	10.9
Beamwidth, Horizontal, degrees	360	360	360	360
Beamwidth, Vertical, degrees	14.6	13.8	12.8	10.8

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Beam Tilt, degrees	2	2	2	2
USLS (First Lobe), dB	12	12	12	12
Isolation, Cross Polarization, dB	25	25	25	25
Isolation, Inter-band, dB	25	25	25	25
VSWR | Return loss, dB	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	-153
Input Power per Port at 50°C, maximum, watts	100	100	100	100

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	19.4 kg | 42.77 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