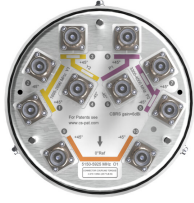


VVSSP-360S-F



10-port small cell antenna, 4x 1695-2690, 4x 3300-4000, 2x 5150-5925 MHz, 360° Horizontal Beamwidth, fixed tilt.

- Broadband Mid Band arrays (AWS/PCS/WCS/Band 41) with 4T4R (4X MIMO) capability
- Broadband performance – optimized for CBRS and C-bands

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 |
| Radome Material | Fiberglass, UV resistant |
| Radiator Material | Low loss circuit board |
| Reflector Material | Aluminum |
| RF Connector Interface | 4.3-10 Female |
| RF Connector Location | Bottom |
| RF Connector Quantity, high band | 10 |
| RF Connector Quantity, mid band | 0 |
| RF Connector Quantity, low band | 0 |
| RF Connector Quantity, total | 10 |

Dimensions

| | |
|---------------------------------|--------------------|
| Width | 200 mm 7.874 in |
| Depth | 200 mm 7.874 in |
| Length | 600 mm 23.622 in |
| Net Weight, antenna only | 7 kg 15.432 lb |

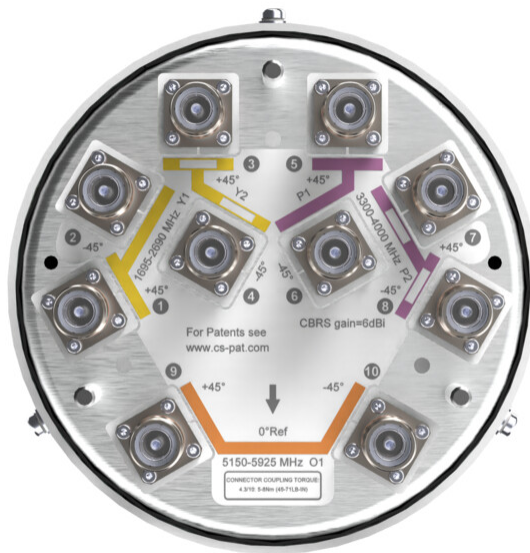
5 GHz Port Power Table

VVSSP-360S-F

| 5 GHz FCC Power Requirements | | | | |
|--|--------------------|--------------------|--------------------|--------------------|
| U-NII Band | U-NII 1 | U-NII 2A | U-NII 2C | U-NII 3 |
| Frequency (MHz) | 5150 - 5250 | 5250 - 5350 | 5470 - 5725 | 5725 - 5850 |
| Max Input power per port to align with FCC Title 47 Part 15 (Watts) | 0.5 | 0.125 | 0.125 | 0.5 |

Port Configuration

VVSSP-360S-F



Electrical Specifications

| | |
|-----------------------------------|---|
| Impedance | 50 ohm |
| Operating Frequency Band | 1695 – 2690 MHz 3300 – 4000 MHz 5150 – 5925 MHz |
| Polarization | ±45° |
| Total Input Power, maximum | 300 W |

Electrical Specifications

| | Y1-Y2 | Y1-Y2 | Y1-Y2 | P1-P2 | P1-P2 | P1-P2 | O1 |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Frequency Band, MHz | 1695–1920 | 1920–2180 | 2300–2690 | 3300–3550 | 3550–3700 | 3700–4000 | 5150–5925 |
| RF Port | 1-4 | 1-4 | 1-4 | 5-8 | 5-8 | 5-8 | 9-10 |
| Gain, dBi | 6.6 | 7.3 | 8.2 | 5.6 | 5.9 | 6 | 5.1 |
| Beamwidth, Horizontal, degrees | 360 | 360 | 360 | 360 | 360 | 360 | 360 |
| Beamwidth, Vertical, degrees | 21.9 | 19.1 | 15.6 | 38.8 | 36.8 | 34.1 | 22.4 |
| Beam Tilt, degrees | 7 | 7 | 7 | 0 | 0 | 0 | 0 |
| USLS (First Lobe), dB | 14 | 14 | 14 | 6 | 6 | 5 | 9 |
| Isolation, Cross Polarization, dB | 25 | 25 | 25 | 25 | 25 | 25 | 25 |

VVSSP-360S-F

| | | | | | | | |
|---|----------|----------|----------|----------|----------|----------|----------|
| Isolation, Inter-band, dB | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| 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 | 1.5 14.0 |
| PIM, 3rd Order, 2 x 20 W, dBc | -153 | -153 | -150 | -145 | -145 | -145 | |
| Input Power per Port, maximum, watts | 125 | 125 | 125 | 35 | 35 | 35 | 5 |

Mechanical Specifications

| | |
|---|---|
| Wind Loading @ Velocity, frontal | 58.0 N @ 150 km/h (13.0 lbf @ 150 km/h) |
| Wind Loading @ Velocity, lateral | 58.0 N @ 150 km/h (13.0 lbf @ 150 km/h) |
| Wind Loading @ Velocity, rear | 58.0 N @ 150 km/h (13.0 lbf @ 150 km/h) |
| Wind Speed, maximum | 241.4 km/h (150 mph) |

Packaging and Weights

| | |
|-----------------------|--------------------|
| Width, packed | 320 mm 12.598 in |
| Depth, packed | 300 mm 11.811 in |
| Length, packed | 850 mm 33.465 in |
| Weight, gross | 9.6 kg 21.164 lb |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| 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 www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |



* Footnotes

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