

# SSP-65T-F



6-port small cell antenna, 4X 3300-3800 MHz, 2X 5150-5925 MHz, 65° HPBW, fixed electrical tilt, 0.5m pigtails

- Designed for strand mounting with OEM equipment

## OBSOLETE

This product was discontinued on: November 30, 2023

### Replaced By:

SS-65T-F

4-port small cell antenna, 4x 3300–4200 MHz, 65° HPBW, fixed electrical tilt

## General Specifications

<b>Antenna Type</b>	Small Cell
<b>Band</b>	Multiband
<b>Color</b>	Light Gray (RAL 7035)
<b>Grounding Type</b>	RF connector inner conductor and body grounded to reflector and mounting bracket
<b>Performance Note</b>	Outdoor usage
<b>Radome Material</b>	ABS, UV resistant
<b>Radiator Material</b>	Low loss circuit board
<b>RF Connector Interface</b>	4.3-10 Male
<b>RF Connector Location</b>	End of flexible lead
<b>RF Connector Quantity, high band</b>	6
<b>RF Connector Quantity, mid band</b>	0
<b>RF Connector Quantity, low band</b>	0
<b>RF Connector Quantity, total</b>	6

## Dimensions

<b>Width</b>	200 mm   7.874 in
<b>Depth</b>	44 mm   1.732 in
<b>Length</b>	200 mm   7.874 in
<b>Net Weight, without mounting kit</b>	1.2 kg   2.646 lb

## Electrical Specifications

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<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	3300 – 3800 MHz   5150 – 5925 MHz
<b>Polarization</b>	±45°

## Electrical Specifications

<b>Frequency Band, MHz</b>	<b>3300–3800</b>	<b>5150–5925</b>
<b>Gain, dBi</b>	11.7	3.2
<b>Beamwidth, Horizontal, degrees</b>	70	61
<b>Beamwidth, Vertical, degrees</b>	27.6	24.6
<b>Beam Tilt, degrees</b>	6	6
<b>USLS (First Lobe), dB</b>	16	17
<b>Front-to-Back Ratio at 180°, dB</b>	29	25
<b>Isolation, Cross Polarization, dB</b>	22	22
<b>VSWR   Return loss, dB</b>	1.5   14.0	1.5   14.0
<b>Input Power per Port, maximum, watts</b>	50	10
<b>Input Power per Port at 50°C, maximum, watts</b>	50	10

## Mechanical Specifications

<b>Wind Loading @ Velocity, frontal</b>	60.8 N @ 150 km/h (13.7 lbf @ 150 km/h)
<b>Wind Loading @ Velocity, lateral</b>	13.4 N @ 150 km/h (3.0 lbf @ 150 km/h)
<b>Wind Loading @ Velocity, maximum</b>	0.5 N @ 150 km/h (0.1 lbf @ 150 km/h)
<b>Wind Loading @ Velocity, rear</b>	60.8 N @ 150 km/h (13.7 lbf @ 150 km/h)
<b>Wind Speed, maximum</b>	200 km/h (124 mph)

## Packaging and Weights

<b>Width, packed</b>	215 mm   8.465 in
<b>Depth, packed</b>	95 mm   3.74 in
<b>Length, packed</b>	210 mm   8.268 in
<b>Weight, gross</b>	1.3 kg   2.866 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

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REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## \* Footnotes

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