

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

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	ABS, UV resistant
Radiator Material	Low loss circuit board
RF Connector Interface	4.3-10 Male
RF Connector Location	End of flexible lead
RF Connector Quantity, high band	6
RF Connector Quantity, total	6

Dimensions

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

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	3300 – 3800 MHz 5150 – 5925 MHz

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Polarization ±45°

Electrical Specifications

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

Electrical Specifications, BASTA

Frequency Band, MHz	3300–3800	5150–5925
Gain by all Beam Tilts, average, dBi	11.3	2.4
Gain by all Beam Tilts Tolerance, dB	±0.5	±0.9
Beamwidth, Horizontal Tolerance, degrees	±5.9	±16
Beamwidth, Vertical Tolerance, degrees	±1.4	±2.7
Front-to-Back Total Power at 180° ± 30°, dB	23	19
CPR at Boresight, dB	15	10
CPR at Sector, dB	10	1

Mechanical Specifications

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

Packaging and Weights

Width, packed 215 mm | 8.465 in

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Depth, packed	95 mm 3.74 in
Length, packed	210 mm 8.268 in
Weight, gross	1.3 kg 2.866 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
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