

V35-012-01-A0-E



6-port Venue Antenna, 2x 1695-2690 and 4x 3300-4200 MHz, 35° HPBW, Fixed Tilt

- 35° azimuth and 35° elevation beamwidth
- Designed with MetaLens™ CleanBeam™ technology
- Supports Mid band 2T2R and High band 4T4R

General Specifications

Band	Multiband
Color	Light Gray (RAL 7035)
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
RF Connector Interface	4.3-10 Female
RF Connector Quantity, high band	4
RF Connector Quantity, mid band	2
RF Connector Quantity, total	6

Dimensions

Width	404 mm 15.906 in
Depth	258 mm 10.157 in
Length	544 mm 21.417 in
Net Weight, without mounting kit	7 kg 15.432 lb

Port Configuration

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Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2690 MHz 3300 – 4200 MHz
Polarization	±45°

Electrical Specifications

	Y1	Y1	Y1	Y1	P1,P2	P1,P2	P1,P2
Frequency Band, MHz	1695–1890	1850–1990	1990–2200	2200–2690	3300–3800	3550–3700	3700–4200
RF Port	1,2	1,2	1,2	1,2	3,4,5,6	3,4,5,6	3,4,5,6
Gain, dBi	14.1	14.4	14.6	16.5	14.7	14.7	15.3
Beamwidth, Horizontal, degrees	37	35	35	29	33	32	30
Beamwidth, Vertical, degrees	38	36	35	28	34	34	32
USLS (First Lobe), dB	28	24	22	22	25	28	21
Front-to-Back Ratio at 180°, dB	40	40	34	39	39	39	39
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	36	34	30	34	34	34	34
Isolation, Cross Polarization, dB	25	25	25	25	25	25	25
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	-153	-153	-153	-153	-153

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Input Power per Port, maximum, watts	200	200	200	200	80	80	80
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Mechanical Specifications

Wind Loading @ Velocity, frontal	290.0 N @ 150 km/h (65.2 lbf @ 150 km/h)
Wind Loading @ Velocity, lateral	181.0 N @ 150 km/h (40.7 lbf @ 150 km/h)
Wind Loading @ Velocity, rear	290.0 N @ 150 km/h (65.2 lbf @ 150 km/h)
Wind Speed, maximum	241 km/h (150 mph)

Packaging and Weights

Width, packed	528 mm 20.787 in
Depth, packed	561 mm 22.087 in
Length, packed	646 mm 25.433 in
Weight, gross	16 kg 35.274 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



Included Products

600899A-2	-	Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.
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