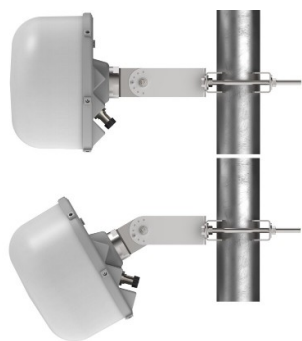


DV54-001-01-A0-E



2-port Venue Antenna, 3300-4000 MHz, 54° HPBW, Fixed Tilt

- Designed with CleanBeam™ technology
- Sharp Roll-Off, 2T2R MetaLens™ antenna
- Supports 2x2 MIMO
- 54° Azimuth and 54° Elevation Beamwidth

Product Classification

Product Type Over-the-head stadium antenna

General Specifications

Color	White
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Horizontal Beamwidth	55°
Radome Material	FRP, UV resistant
RF Connector Interface	4.3-10 Female
RF Connector Quantity, total	2

Dimensions

Width	296 mm 11.654 in
Width/Diameter	201 – 305 mm
Depth	236 mm 9.291 in
Length	296 mm 11.654 in
Length Size	<0.7 m (2 ft)
Net Weight, without mounting kit	2.7 kg 5.952 lb

Port Configuration

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Electrical Specifications

Operating Frequency Band	3300 – 4000 MHz
Operating Frequency Band Range	3100 – 5000 MHz
Polarization	±45°

Electrical Specifications

	P1	P1	P1
Frequency Band, MHz	3300–3800	3550–3700	3700–4000
RF Port	1,2	1,2	1,2
Gain, dBi	11.8	11.1	12.6
Beamwidth, Horizontal, degrees	53	54	40
Beamwidth, Vertical, degrees	52	54	41
USLS (First Lobe), dB	16	15	20
Front-to-Back Ratio at 180°, dB	32	32	30
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	23	26	26
Isolation, Cross Polarization, dB	25	25	25
VSWR Return loss, dB	1.5 14.0	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153
Input Power per Port, maximum, watts	80	80	80

Mechanical Specifications

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BASTA Version, mechanical	BASTA v11
Wind Loading @ Velocity, frontal	112.0 N @ 150 km/h (25.2 lbf @ 150 km/h)
Wind Loading @ Velocity, lateral	89.0 N @ 150 km/h (20.0 lbf @ 150 km/h)
Wind Loading @ Velocity, rear	112.0 N @ 150 km/h (25.2 lbf @ 150 km/h)
Wind Speed, maximum	241 km/h (150 mph)

Environmental Specifications

Ingress Protection Test Method	IEC 60529:2001, IP66
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Packaging and Weights

Width, packed	381 mm 15 in
Depth, packed	428 mm 16.85 in
Length, packed	389 mm 15.315 in
Weight, gross	7 kg 15.432 lb

Regulatory Compliance/Certifications

Agency	Classification
UK-ROHS	Compliant

Included Products

APM40-VEN	–	Elevation Tilt Mounting Kit for 2.0-4.3 in (50-110 mm) OD round members.
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