

DV17-001-01-A0-E



2-port Venue Antenna, 3300-4000 MHz, 17° HPBW, Fixed Tilt

- 17° Azimuth and Elevation Beamwidth
- Designed with CleanBeam™ technology
- Supports 2x2 MIMO
- 2T2R MetaLens™ antenna

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 < 25°

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 304 mm | 11.969 in

Length 296 mm | 11.654 in

Length Size <0.7 m (2 ft)

Net Weight, without mounting kit 3.6 kg | 7.937 lb

Port Configuration



Electrical Specifications

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

Electrical Specifications

	P1,P2	P1,P2	P1,P2
Frequency Band, MHz	3300–3800	3550–3700	3700–4000
RF Port	1,2	1,2	1,2
Gain, dBi	19	18.9	19.3
Beamwidth, Horizontal, degrees	17	17	16
Beamwidth, Vertical, degrees	17	16	16
USLS (First Lobe), dB	18	18	20
Front-to-Back Ratio at 180°, dB	40	41	37
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	33	35	33
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

Environmental Specifications

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Ingress Protection Test Method IEC 60529:2001, IP66

Packaging and Weights

Width, packed 381 mm | 15 in
Depth, packed 498 mm | 19.606 in
Length, packed 389 mm | 15.315 in
Weight, gross 7.8 kg | 17.196 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.