

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

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

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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

Packaging and Weights

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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
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