

V37-001-01-A0-E



2-port Venue Antenna, 3300-4000 MHz, 37° HPBW, Fixed Tilt

- Designed with CleanBeam™ technology
- 2T2R MetaLens™ antenna
- 37° azimuth and 37° elevation Beamwidth
- Supports 2x2 MIMO

General Specifications

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

Dimensions

Width	138 mm 5.433 in
Depth	194 mm 7.638 in
Length	138 mm 5.433 in
Net Weight, without mounting kit	0.9 kg 1.984 lb

Port Configuration



Electrical Specifications

Operating Frequency Band	3300 – 4000 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	13	13.1	13.6
Beamwidth, Horizontal, degrees	36	35	33
Beamwidth, Vertical, degrees	35	33	33
USLS (First Lobe), dB	15	17	19
Front-to-Back Ratio at 180°, dB	34	39	42
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	23	23	22
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

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Packaging and Weights

Width, packed	250 mm 9.843 in
Depth, packed	400 mm 15.748 in
Length, packed	280 mm 11.024 in
Weight, gross	3.5 kg 7.716 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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