

V40-010-01-A0-E



2-port Venue Antenna, 1710-2690 MHz, 40° HPBW, Fixed Tilt

General Specifications

Color	White
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Radome Material	ASA, UV resistant
RF Connector Quantity, total	2

Dimensions

Width	230 mm 9.055 in
Depth	220 mm 8.661 in
Length	230 mm 9.055 in
Net Weight, without mounting kit	2.5 kg 5.512 lb

Port Configuration

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Electrical Specifications

Operating Frequency Band	1710 – 2690 MHz
Polarization	±45°

Electrical Specifications

Frequency Band, MHz	1710–1890	1850–1990	1990–2200	2200–2690
RF Port	1,2	1,2	1,2	1,2
Gain, dBi	11.8	12.4	12.6	14.1
Beamwidth, Horizontal, degrees	46	42	41	35
Beamwidth, Vertical, degrees	47	45	40	35
USLS (First Lobe), dB	17	17	20	19
Front-to-Back Ratio at 180°, dB	27	31	33	37
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	27	31	29	28
Isolation, Cross Polarization, dB	25	25	25	25
VSWR Return loss, dB	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
Input Power per Port, maximum, watts	200	200	200	200

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Environmental Specifications

Operating Temperature -40 °C to +70 °C (-40 °F to +158 °F)

Packaging and Weights

Width, packed 391 mm | 15.394 in

Depth, packed 511 mm | 20.118 in

Length, packed 402 mm | 15.827 in

Weight, gross 6.1 kg | 13.448 lb

Included Products

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