

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)

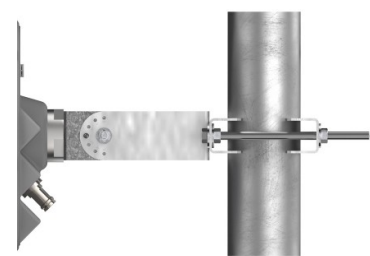
Packaging and Weights

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.

APM40-VEN



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

- Allows for adjustment of pointing angle in both azimuth and elevation

Product Classification

Product Type Downtilt and uptilt mounting kit

General Specifications

Application Outdoor

Color Silver

Dimensions

Compatible Diameter, maximum 110 mm | 4.331 in

Compatible Diameter, minimum 50 mm | 1.969 in

Weight, net 2 kg | 4.409 lb

Packaging and Weights

Packaging quantity 1

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

