

DV40-010-01-A0-E



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

- Designed with CleanBeam™ technology
- 2T2R MetaLens™ antenna
- Supports 2x2 MIMO
- 40° azimuth and 40° elevation beamwidth

Product Classification

Product Type Over-the-head stadium antenna

General Specifications

Band	Single band
Color	Light Gray (RAL 7035)
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Horizontal Beamwidth	45°
RF Connector Interface	4.3-10 Female
RF Connector Quantity, mid band	2
RF Connector Quantity, total	2

Dimensions

Width	236 mm 9.291 in
Width/Diameter	201 – 305 mm
Depth	220 mm 8.661 in
Length	236 mm 9.291 in
Length Size	<0.7 m (2 ft)
Net Weight, without mounting kit	2.5 kg 5.512 lb

Port Configuration



Electrical Specifications

Operating Frequency Band	1710 – 2690 MHz
Operating Frequency Band Range	1427 – 2700 MHz
Polarization	±45°

Electrical Specifications

	Y1	Y1	Y1	Y1
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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Mechanical Specifications

Wind Loading @ Velocity, frontal	71.0 N @ 150 km/h (16.0 lbf @ 150 km/h)
Wind Loading @ Velocity, lateral	66.0 N @ 150 km/h (14.8 lbf @ 150 km/h)
Wind Loading @ Velocity, rear	71.0 N @ 150 km/h (16.0 lbf @ 150 km/h)
Wind Speed, maximum	241 km/h (150 mph)

Environmental Specifications

Ingress Protection Test Method	IEC 60529:2001, IP66
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Packaging and Weights

Width, packed	345 mm 13.583 in
Depth, packed	409 mm 16.102 in
Length, packed	352 mm 13.858 in
Weight, gross	6.1 kg 13.448 lb

Regulatory Compliance/Certifications

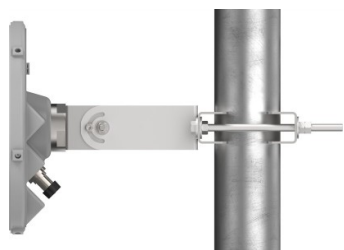
Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



Included Products

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

