



2-port Venue Antenna, 1695-2690 MHz, 17° HPBW, Fixed Tilt

- Designed with CleanBeam™ technology
- 2T2R MetaLens™ antenna
- Supports 2x2 MIMO
- 17° azimuth and 17° elevation beamwidth

Product Classification

Product Type Over-the-head stadium antenna

General Specifications

Color Light Gray (RAL 7035)

Grounding Type RF connector inner conductor and body grounded to reflector and mounting bracket

Horizontal Beamwidth < 25°

Radome Material ABS + ASA, UV resistant

RF Connector Interface 4.3-10 Female

RF Connector Quantity, total 2

Dimensions

Width 503 mm | 19.803 in

Width/Diameter > 499 mm

Depth 684 mm | 26.929 in

Length 503 mm | 19.803 in

Length Size <0.7 m (2 ft)

Net Weight, without mounting kit 14 kg | 30.865 lb

Port Configuration



Electrical Specifications

Operating Frequency Band	1695 – 2690 MHz
Operating Frequency Band Range	1427 – 2700 MHz
Polarization	±45°

Electrical Specifications

	Y1	Y1	Y1	Y1
Frequency Band, MHz	1695–1890	1850–1990	1990–2200	2200–2690
RF Port	1,2	1,2	1,2	1,2
Gain, dBi	18	18.5	18.9	20
Beamwidth, Horizontal, degrees	21	20	19	16
Beamwidth, Vertical, degrees	21	20	19	16
USLS (First Lobe), dB	20	21	21	22
Front-to-Back Ratio at 180°, dB	38	40	40	42
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	33	36	34	30
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

DV17-010-01-A0-E

Mechanical Specifications

Wind Loading @ Velocity, frontal	336.0 N @ 150 km/h (75.5 lbf @ 150 km/h)
Wind Loading @ Velocity, lateral	396.0 N @ 150 km/h (89.0 lbf @ 150 km/h)
Wind Loading @ Velocity, rear	336.0 N @ 150 km/h (75.5 lbf @ 150 km/h)
Wind Speed, maximum	241 km/h (150 mph)

Environmental Specifications

Ingress Protection Test Method	IEC 60529:2001, IP55
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Packaging and Weights

Width, packed	616 mm 24.252 in
Depth, packed	750 mm 29.528 in
Length, packed	826 mm 32.52 in
Weight, gross	27 kg 59.525 lb

Regulatory Compliance/Certifications

Agency	Classification
UK-ROHS	Compliant

Included Products

600899A-2	– Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.
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600899A-2



Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members.
Kit contains one scissor top bracket set and one bottom bracket set.

Product Classification

Product Type Downtilt mounting kit

General Specifications

Application Outdoor

Color Silver

Dimensions

Compatible Diameter, maximum 114.3 mm | 4.5 in

Compatible Diameter, minimum 61 mm | 2.402 in

Weight, net 3.9 kg | 8.598 lb

Material Specifications

Material Type Galvanized steel

Packaging and Weights

Included Brackets | Hardware

Packaging quantity 1

Weight, gross 4.2 kg | 9.259 lb

Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant
UK-ROHS	Compliant



