



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

Environmental Specifications

Ingress Protection Test Method IEC 60529:2001, IP55

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.
-----------	---