

DV17-010-01-A0-E



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

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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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