

LP-HA-OLO



Log Periodic Outdoor Antenna, 0.8m, 690-3800MHz

- 2 ports Log Periodic Antenna 690-3800MHz

General Specifications

Color	Light Gray (RAL 7035)
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note	Outdoor usage
Radome Material	Fiberglass, UV resistant
Reflector Material	Aluminum
RF Connector Interface	4.3-10 Female
RF Connector Location	Rear
RF Connector Quantity, total	2

Dimensions

Length	785 mm 30.906 in
Net Weight, without mounting kit	5 kg 11.023 lb
Outer Diameter	300 mm 11.811 in

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	1695 – 2690 MHz 3300 – 3800 MHz 690 – 960 MHz
Polarization	Horizontal Vertical

Electrical Specifications

Frequency Band, MHz	690–960	1695–2170	2170–2690	3300–3800
RF Port	1,2	1,2	1,2	1,2
Gain, dBi	9.5	10	10	9.5
Beamwidth, Horizontal, degrees	75	65	65	50
Beamwidth, Vertical, degrees	55	45	45	40
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	15	20	20	20

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Isolation, Cross Polarization, dB	20	20	20	20
VSWR Return loss, dB	1.8 10.8	1.6 12.7	1.6 12.7	1.6 12.7
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150	-150	-150
Input Power per Port, maximum, watts	200	200	200	200

Mechanical Specifications

Wind Loading @ Velocity, frontal	62.0 N @ 150 km/h (13.9 lbf @ 150 km/h)
Wind Loading @ Velocity, lateral	175.0 N @ 150 km/h (39.3 lbf @ 150 km/h)
Wind Loading @ Velocity, rear	102.0 N @ 150 km/h (22.9 lbf @ 150 km/h)
Wind Speed, maximum	200 km/h (124 mph)

Packaging and Weights

Width, packed	350 mm 13.78 in
Depth, packed	350 mm 13.78 in
Length, packed	1000 mm 39.37 in
Weight, gross	9.5 kg 20.944 lb

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
UK-ROHS	Compliant

* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance
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