

ASP7A



1-port omni ground plane antenna, 108–512 MHz, 360° HPBW fixed electrical tilt

- Ideal choice for temporary or expendable installations
- Light duty design
- Field tunable to desired frequency, cutting chart included

OBSOLETE

This product was discontinued on: March 31, 2021

General Specifications

Antenna Type	Omni
Band	Single band
Color	Silver
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note	Outdoor usage
Radiator Material	Brass
RF Connector Interface	UHF Female
RF Connector Location	Bottom
RF Connector Quantity, low band	1
RF Connector Quantity, total	1

Dimensions

Length	660.4 mm 26 in
Net Weight, without mounting kit	0.8 kg 1.764 lb
Outer Diameter	12.7 mm 0.5 in

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	108 – 512 MHz
Polarization	Vertical

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Electrical Specifications

Frequency Band, MHz	108–512
Gain, dBi	2.1
Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	60
Beam Tilt, degrees	0
VSWR Return loss, dB	1.5 14.0
Input Power per Port, maximum, watts	100

Mechanical Specifications

Wind Speed, maximum	161 km/h (100 mph)
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Packaging and Weights

Included	U-bolts
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Regulatory Compliance/Certifications

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



* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance
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