

# 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

This product will be discontinued on: March 31, 2021

## General Specifications

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

## Dimensions

<b>Length</b>	660.4 mm   26 in
<b>Outer Diameter</b>	12.7 mm   0.5 in

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	108 – 512 MHz
<b>Polarization</b>	Vertical

## Electrical Specifications

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

## Mechanical Specifications

**Wind Speed, maximum** 161 km/h | 100.041 mph

## Packaging and Weights

**Included** U-bolts  
**Net Weight, without mounting kit** 0.8 kg | 1.764 lb

## Regulatory Compliance/Certifications

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



## \* Footnotes

**Performance Note** Severe environmental conditions may degrade optimum performance