



AG-9RFID UHF RFID Panel Antenna w/ Bracket Mount  
For Passive UHF RFID Installations  
Articulating Bracket Mount / Inside or Outside Use  
860MHz – 960MHz

AG-9RFID UHF RFID Panel Antenna w/ Articulating Mounting Bracket  
*Multi-Application RFID Antenna*

RFID Technologies	Multi-Application Gen 2 RFID Technologies
RFID Frequency Range	860MHz – 960MHz
Horizontal Half-Power Beamwidth	65°
Vertical Half-Power Beamwidth	65°
Gain	9dBi
VSWR	≤1.3
Front to Back Ratio (dB)	≥18dB
Axial Ratio (dB)	2dB
Polarization	Left Hand Circular or Right-Hand Circular
Impedance (Ω)	50 Ohms
Max. Power	50W
Mechanical / Environmental Specifications	
Dimensions	Height: 10.23" / 260mm Width: 10.23" / 260mm Depth: 1.4" / 35mm
Radome Material	UV Stabilized ABS - White
Operating Temperature	-40° ~ 158° (°F)
Humidity % / Ingress	5% ~ 95% / IP66 (For Inside / Outside Use)
Vibration Standard / Wind Rating	MIL-STD-810 / 125 mph
Net Weight	2.2lbs / 1.1kg <i>Includes Mounting Hardware</i>
Coax Cable	8ft AGA200 Coax Cable – <i>Custom Cable Lengths Available</i>
RF Connector Type	RP TNC Male – <i>All Standard Connector Ends Available</i>
Mount Type	Articulating Tilt Bracket Mount Hardware Included <i>Pole / Mast / Wall Mounting (Pole / Mast Mount Diameter 1"~3")</i>

AG-9RFID UHF RFID Panel Antenna w/ Articulating Mounting Bracket Configurations	
Configuration Options	AG-9RFIDR-8-RPTNCM: <i>UHF RFID RHP Panel Antenna w/ 8ft Coax Cable – RP TNC Male</i> AG-9RFIDL-8-RPTNCM: <i>UHF RFID LHP Panel Antenna w/ 8ft Coax Cable – RP TNC Male</i>
AG-9RFID UHF RFID Panel Antenna w/ Articulating Mounting Bracket Dimensions	

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Dimensions  
Height: 10.23" / 260mm  
Width: 10.23" / 260mm  
Depth: 1.4" / 35mm



Includes: Articulating Tilt Mounting Bracket  
w/ 2 Stainless Steel Clamps  
*Fits Mast Dimensions*  
25mm (1") to 75mm (3") diameter