





AMGANT-W1-ODA9 SERIES INDUSTRIAL HIGH PERFORMANCE WIFI ANTENNAS



Industrial Wireless Solutions

AMG's industrial high performance antennas provide discreet and efficient performance with robust and reliable connectivity. Supporting 5.0 - 6.0 GHz WiFi with a direct attach n-type mounting connector.



				
Wireless 5 / 6 GHz	Temp -40~+85°C	Waterproof IP65	Mounting Dir Attach	NDAA/TAA Compliant

[AMGANT-W1-ODA9-W]

// OVERVIEW

Designed in a rugged fiberglass radome tube housing, the AMGANT-W1-ODA9 series multiband antennas are ideally suited for providing a highly reliable connection to WiFi routers and access points requiring 5.0 - 6.0 GHz wireless signals.

The AMGANT-W1-ODA9 series can survive the most extreme outdoor environments with operating temperatures of -40°C to +85°C and with wind velocities exceeding 125mph (201kph) and an IP rating of IP65.

Antenna performance is 9dBi gain for these 5.0 - 6.0 GHz WiFi antennas.

The AMGANT-W1-ODA9 antenna uses a direct attach mounting design with an integrated N-Type male reverse polarity connector. This allows for directly attaching the antenna to the wireless device eliminating the need for connecting cables.

An optional pole mount version is available.

// FEATURES

- Lightweight fiberglass construction ensures optimal 360° antenna performance
- -40°C to +85°C temperature maintains performance in extreme environmental conditions
- Direct attach mounting design with integrated N-Type male reverse polarity connector for mounting to wifi access points directly
- Withstands wind velocities exceeding 125mph (201kph)
- Integrated 5.0 - 6.0 GHz WiFi antenna with 9dBi gain
- A pole mount version is available as an option
- Supports IP65 for reliable outdoor installation
- Designed in the USA & UK. Manufactured in the United Kingdom
- AMG Lifetime Support Warranty

Specifications.

Antenna.

WiFi Frequency	5.0 - 6.0 GHz
WiFi Gain	9dBi
Beamwidth	12° Elevation 360° Azimuth
VSWR	2:1 Max Over Range
Power Rating	25W

Interface.

Cable Type	N/A
Cable Length	N/A
WiFi Connector	1x N-Type Male (Reverse Polarity)
Nominal Impedance	50 Ohm

Packaging.

Shipping Weight	0.13kg / 0.29lb
Dimensions:	(W x D x H) 80 x 40 x 400 mm 3.15 x 1.57 x 15.75 in

Mechanical.

Housing	Fiberglass
Dimensions:	(W x D x H) 27 x 27 x 373 mm 1.06 x 1.06 x 14.69 in
IP Rating	IP65
Installation	Direct Attach Mount RP N-Type Male
Wind Velocity	>125mph (201kph)
Weight	0.12kg / 0.26lb

Environmental.

Operating Temp.	-40 to +85°C / -40 to +185°F
Storage Temp.	-40 to +85°C / -40 to +185°F
MTBF	>500,000 hours
MTBF Standard	Telcordia SR-332 GF 30°C

Regulatory.

Rail	EN 61373 IEEE 1478
Military	MIL-STD-810G (Shock & Vibration)
Environmental	EN 300 019-2-4 IEC 60068 Reach, RoHS, WEEE
Supply Chain	NDAA & TAA Compliant

Part Numbers.

Industrial High Performance WiFi Antennas

AMGANT-W1-ODA9-W	360° Antenna, 1x 5.0 - 6.0 GHz WiFi 9dBi Gain, IP65, RP N-Type Direct Mount, White*
------------------	---

* When using this antenna with the AMG8870F-M-E product 2x AMGANT-W1-ODA9-W antennas are required for correct operation. Contact AMG Technical Services for advice and support.

In a continuing effort to improve and advance technology, product specifications are subject to change without notice. Please visit www.amgsystems.com for the latest product specifications.

AMG Systems Ltd. 4 Pioneer Way, Castleford, WF10 5QU, UK T: +44 (0) 1767 600 777 E: sales@amgsystems.com
AMG Systems Inc. 62 Spring Hill Road, Trumbull, CT 06611, USA T: +1-855-AMGPOE1 (855-264-7631) E: usasales@amgsystems.com
D39334-00 amgsystems.com

Proud to be a British
Manufacturer 
AMG