

UHF High Gain Arctic Civil/Military Dipole

Model D8266

The arctic grade D8266 is a high gain, single output UHF frequency MULDIPOL[®] omni-directional antenna for both civil and military applications. Its internal components are enclosed in a 'Graphite Grey' heavy-duty fiberglass radome with a coating specifically designed to minimize ice accretion on its surface. This rugged communications antenna was designed for ground-air-ground, air traffic control and base deployment in the world's harshest climates.

Constructed for Rugged Environmental Demands

- Designed to meet MIL-STD 810G
- Thick-walled fiberglass radome casing protects from water and ice
- Advanced Hydrophobic protective coating repels water and reduces ice build up
- Engineered to withstand 200 mph wind gusts
- Long-term life cycle results in cost savings
- Mounting holes support 6 x 1/2" bolts on 11 5/8" BCD
- 3 year warranty

Lightning Rod Eyelet

- Stainless-steel eye-bolt used as a lightning rod and for on-site installation purposes
- Internal grounding wire runs from lightning rod to stainless steel grounding lug at the base of the antenna; fits up to 0.312" external ground wire connector



Six 1/2" drill holes to secure base

SPECIFICATIONS

ELECTRICAL

NO. OF CONNECTORS	1
FREQUENCY - MHz	225 - 400
GAIN - ±1 dBi	7.5
HPBW - °	13
VSWR (MAX)	2:1
POLARIZATION	VERTICAL
IMPEDANCE - Ohm	50
APPLIED POWER - W	250
OPERATIONAL TEMP - ° C (° F)	-50 to 70 (-58 to 158)

MECHANICAL

LENGTH - in (cm)	215.9 (548.4)
WEIGHT - lbs (kg)	86.0 (39.0)
COLOR	GRAPHITE GREY
CONNECTOR	N FEMALE
MAX DIAMETER - in (cm)	13 (5.9)

WIND LOAD

SURVIVAL RATING (mph)	NO ICE	200
	2 CM	130

TACO Antenna's ongoing policy of continuing development may result in specification changes to its products.

TACO ANTENNA
(A division of Wade Antenna, Inc.)

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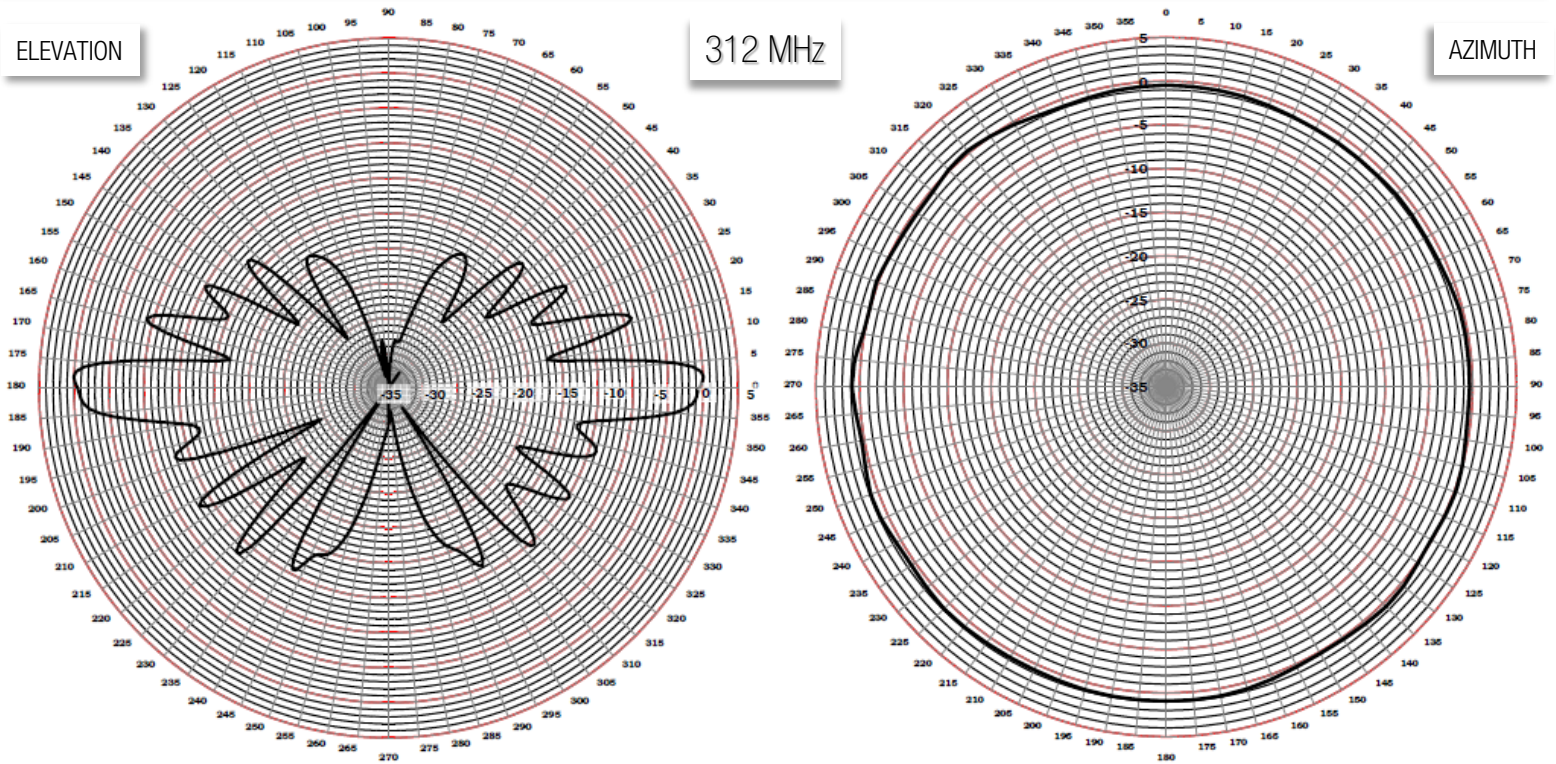
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MULDIPOLTM Antenna Series

PATTERNS

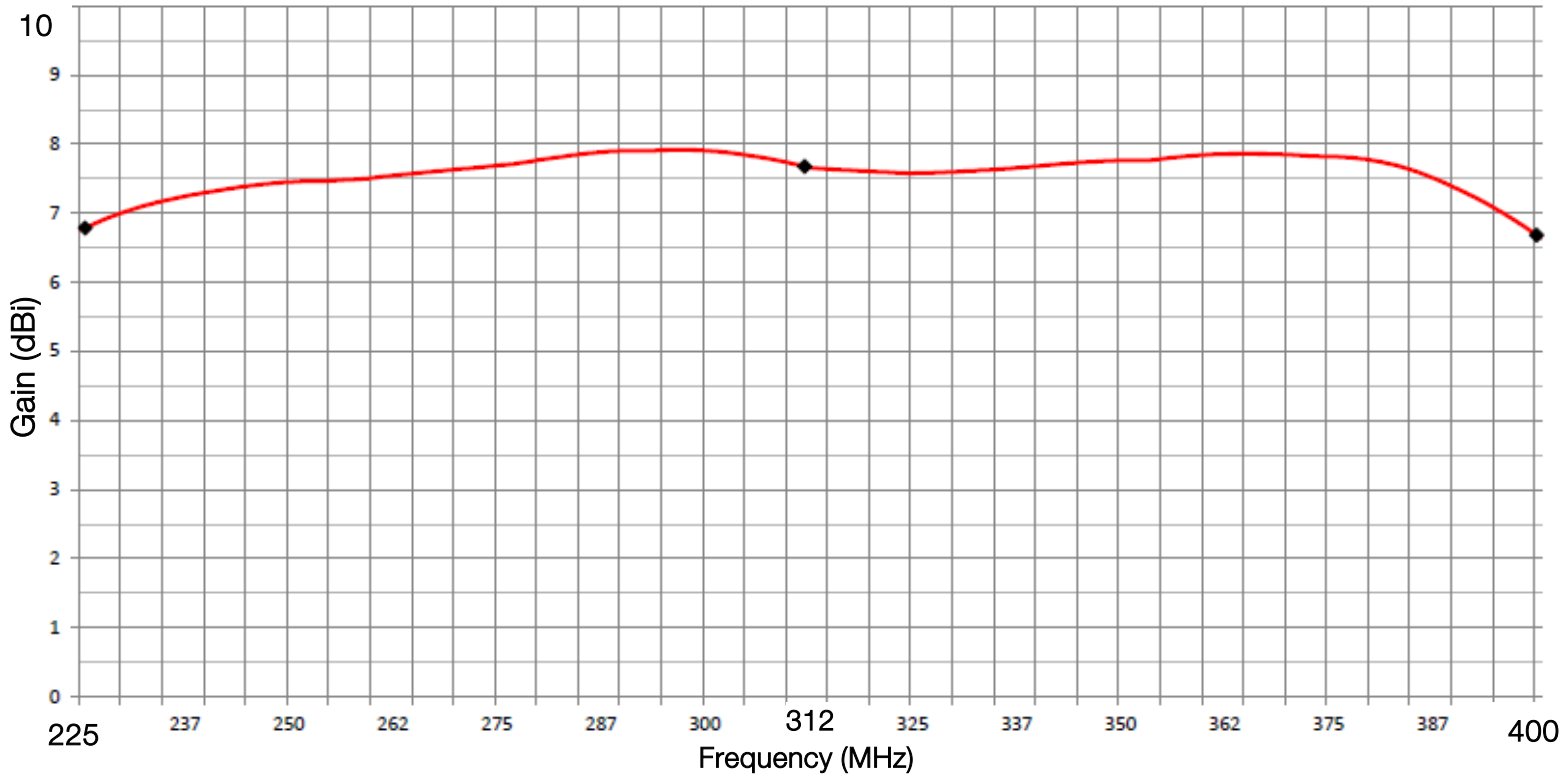
ELEVATION

312 MHz

AZIMUTH



GAIN vs FREQUENCY



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