

Antenna Specifications

Model No:	AA01S
Antenna Type:	Omni-Directional, variable angle rubber duck
Applications:	Direct mount
Frequency:	2400 to 2485 MHz
Polarization:	Vertical
Impedance:	50 ohms
Gain:	Unity
VSWR:	< 1.5
Front to Back Ratio:	n/a
Horizontal Beamwidth:	n/a
Vertical Beamwidth:	n/a
Antenna Material:	Rubber duct whip.
Mounting Hardware:	n/a
Antenna Connector:	TNC-R Male
Antenna Envelope:	4.25 in. length by 1.75 in width
Weight:	.08 lbs.

Caution

Omni-directional antenna should not be located within 20 cm of personnel.

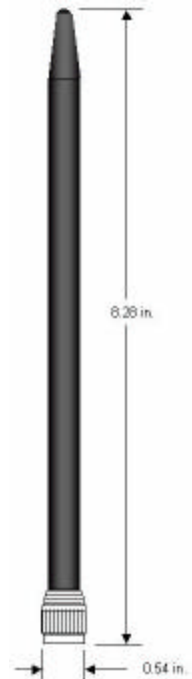


Model AA01S

Model:	AA20DMEg
Applications:	Model 195Eg direct case mount
Antenna Type:	Omni-Directional, Sleeve dipole
Frequency:	2400 to 2485 MHz
Polarization:	Vertical
Impedance:	50 ohms
Gain:	5 dBi (3 dBd)
VSWR:	< 2:1
Power:	10 W
Front To Back Ratio:	n/a
Horizontal Beamwidth:	n/a
Vertical Beamwidth:	n/a
Antenna Material:	Polyurethane Plastic Radome
Recommended Mounting Hardware:	n/a
Antenna Connector:	TNC-R Male
Flexibility:	+/- 20 °
Antenna Envelope:	8.28 in. length by .54 in. width
Temperature:	-40 to +70 C°
Weight:	33 grams

Caution

Omni-directional antenna should not be located within 20 cm of personnel.



Model AA20DMEg

Antenna Specifications

Model No:	AA20Eg
Antenna Type:	Omni Directional, DC Grounded
Applications:	Fixed base
Frequency:	2400 to 2483.5 MHz
Polarization:	Vertical
Impedance:	50 ohms
Gain:	4dBd (6 dBi)
VSWR:	< 1.5
Front to Back Ratio:	n/a
Horizontal Beamwidth:	n/a
Vertical Beamwidth:	20 degrees @ ½ power
Antenna Material:	Copper alloy radiator, UV inhibited fiberglass enclosed
Mounting Hardware:	Aluminum bracket for mounting to 1 ¼ to 2 in. diameter mast included.
Antenna Connector:	TNC-R Male with 36in. pig-tail.
Antenna Envelope:	11.6 in. length by 1.25 in. diameter
Weight:	.4 lbs.

Caution

To comply with the FCC exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna and all persons.



Model AA20Eg

Antenna Specifications

Model No:	AA203Eg
Antenna Type:	Directional, DC grounded
Applications:	Fixed base.
Frequency:	2400 to 2485 MHz
Polarization:	Vertical or Horizontal
Impedance:	50 ohms
Gain:	8 dBd (10 dBi)
VSWR:	< 1.5
Front to Back Ratio:	23 dB
Horizontal Beamwidth:	55 degrees @ ½ power
Vertical Beamwidth:	55 degrees @ ½ power
Antenna Material:	Sealed in UV stable fiberglass enclosed radome
Mounting Hardware:	Stainless steel U bolts (included) for mounting up to 1 5/8 in. diameter pipe.
Antenna Connector:	TNC-R Male with 36in. pig tail
Maximum Power Input:	5 Watts
Antenna Envelope:	4.5 in. length by 3 in. diameter
Windload (RWV):	125 mph
Lateral Thrust at Rated Wind:	5.8 lbs.
Wind Surface Area:	0.060 ft ²
Weight:	1 lbs.

Caution

To comply with the FCC exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna and all persons.



Model AA203Eg

Antenna Specifications

Model No:	AA204Eg
Applications:	Fixed base mounting
Antenna Type:	2.4 GHz ISM, Directional, DC Grounded, Parabolic Grid
Frequency:	2400-2485 MHz
Polarization:	Vertical or Horizontal
Impedance:	50 ohms
Gain:	17 dBd (19 dBi) nominal
VSWR:	< 1.5:1 nominal
Front to Back Ratio:	>24 dB
Horizontal Beamwidth:	16 degrees @ ½ power
Vertical Beamwidth:	11 degrees @ ½ power
Antenna Material:	Zinc plated cold rolled steel with polyester power coat finish
Recommended Mounting Hardware:	Standard U-bolt steel mast clamp complete with mounting hardware. Designed for masts of up to 2.5 in. O.D.
Antenna Connector:	TNC-R Male with 36 in. pig-tail
Maximum Power Input:	10 Watts
Wind Survival:	100 mph
Wind Load:	16 mph
Antenna Envelope:	34 in. length by 17 in. width by 11 in. height
Weight:	3 lbs.

Caution

To comply with the FCC exposure compliance requirements, a separation distance of at least 50 cm must be maintained between the antenna and all persons.



Model AA204Eg