

KMA-915-5-NF

902-928 MHz Omnidirectional Kinetic Mesh® Antenna

The 902-928 MHz omnidirectional Kinetic Mesh Antenna consists of a half-wave dipole encapsulated in a heavy duty fiberglass radome with a thick walled mounting base for reliable long term use. The rugged design allows the antenna to withstand harsh environments and is ideal for industrial and military wireless applications. The antenna is DC grounded for ESD protection of radio components.



KMA-915-5-NF Benefits

- 5 dBi gain
- Type N (female) connector
- Fully sealed IP67 (6: Dust-tight, 7: Waterproof) design
- UV stable, white fiberglass radome 1.05" (26.7 mm) diameter
- DC grounded design
- Heavy duty mount included

Technical Data

Maximum Power	150 Watt
Nominal Impedance	50 Ohm
VSWR	< 1.5:1
Radome Material	Pultruded white fiberglass
ESD Protection	DC grounded
Rated Wind	100 mph (161 km/h)
Connector	Type N (female)
Mounting Hardware	Heavy duty mount included

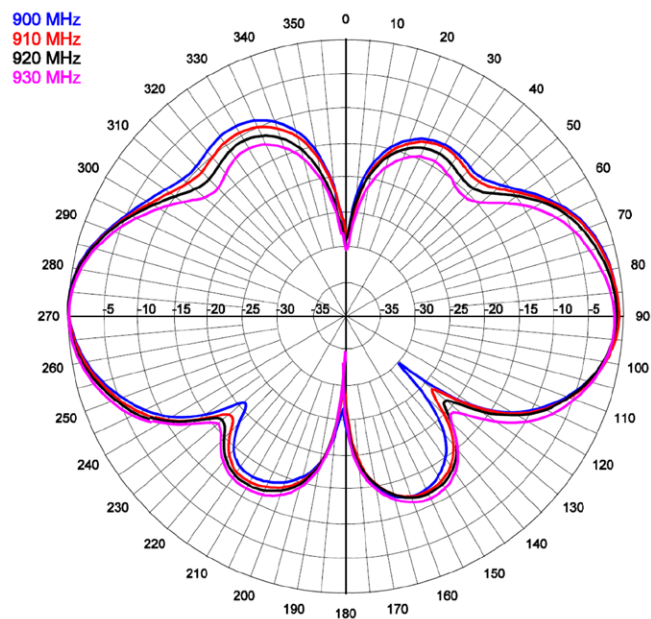
RF/Electrical Specifications

Rajant Part Number	75-100140-501
Model	KMA-915-5-NF
Frequency Range	902-928 MHz
Nominal Gain	5 dBi
Return Loss	> 14 dB
E-Plane Beamwidth	40°
Connector Type	N female

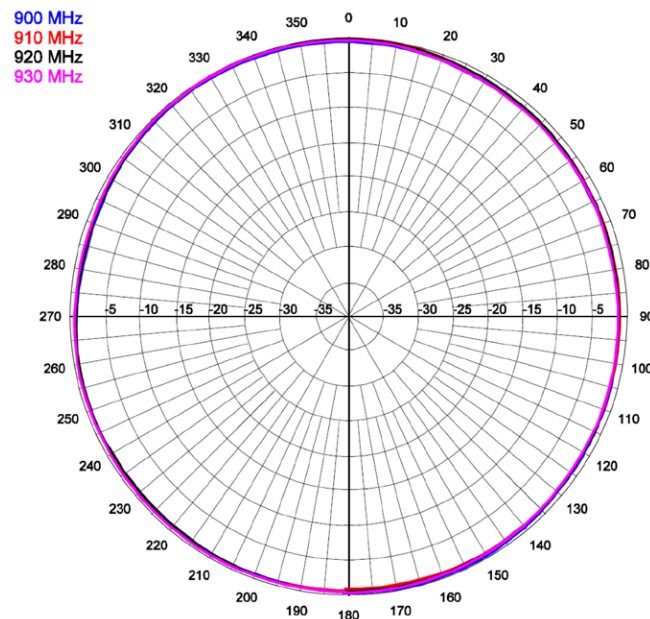
Mechanical Specifications

Rajant Part Number	75-100140-501
Model	KMA-915-5-NF
Weight	1.25 lbs (567 g)
Height	23.25" (59.06 cm)
Bending Moment at Rated Wind	4.7 ft-lbf (6.4 Nm)
Rated Wind Load	4.3 lbf (19.1 N)
Equivalent Flat Plate Area	0.12 ft ² (111 cm ²)

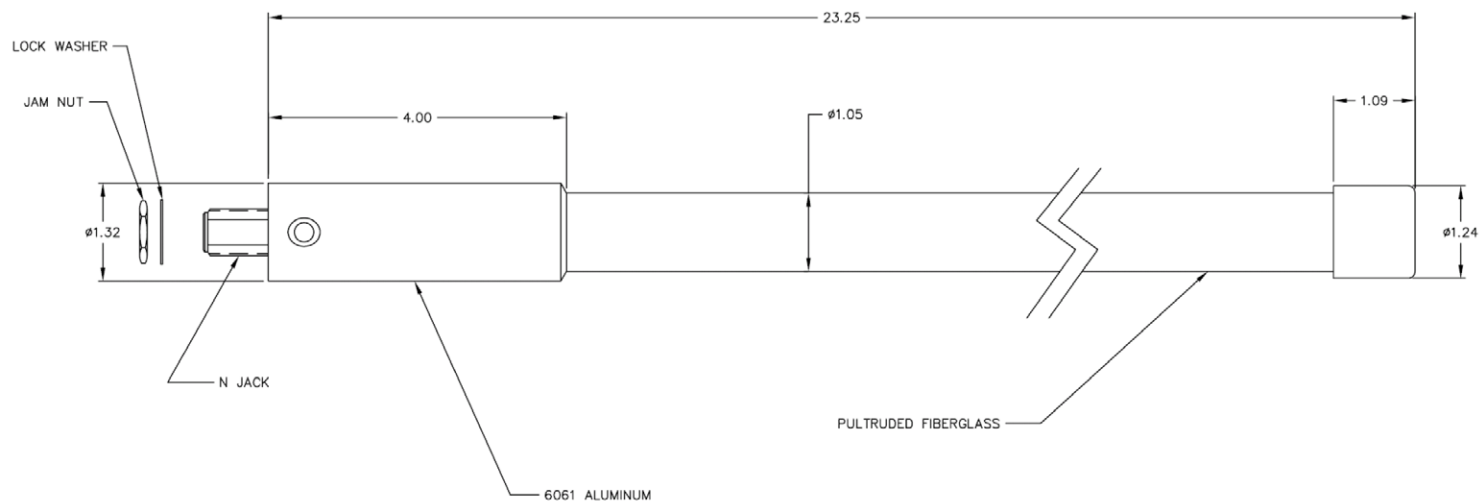
E-Plane Radiation Pattern



H-Plane Radiation Pattern



KMA-915-5-NF Dimensions



Unless otherwise specified dimensions are in inches.
1 inch = 2.54 cm