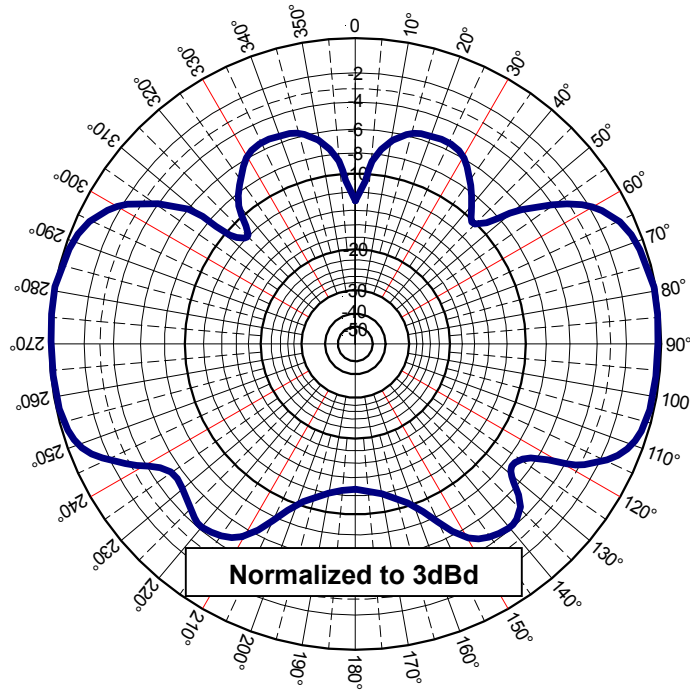


## OMNI-DIRECTIONAL ANTENNAS FG9023 (902 – 928 MHz)



### FEATURES

- **Highly Stable PC Board Matching Section**
- **Superior quality design**  
Highest gain and best matching efficiency in the industry.
- **Special UV treated radome**  
Resists sun damage
- **N Female industry standard connector**
- **100% tested on a Network Analyzer**

### Elevation Pattern (Y, Z or H-plane)

#### **ELECTRICAL SPECIFICATIONS**

<b>Frequency Range:</b>	902 – 928 MHz
<b>VSWR:</b>	< 2.0:1
<b>Nominal Gain:</b>	3dBd
<b>Maximum Power:</b>	100 W
<b>Nominal Impedance:</b>	50Ω
<b>Polarization:</b>	Vertical
<b>Pattern:</b>	Omni-Directional
<b>Half-Power Beamwidth:</b> (Elevation° x Azimuth°)	70° x 360°
<b>Coaxial Cable Length &amp; Type:</b>	None
<b>Termination:</b>	N-Female connector
<b>Lightning Protection:</b>	Lightning Arrester LABH350NN (Sold Separately)

#### **MECHANICAL SPECIFICATIONS**

<b>Height:</b>	23 – 1/8"
<b>Diameter:</b>	1.310"
<b>Weight:</b>	< 1lbs
<b>Rated Wind Velocity:</b>	125mph (210kph)
<b>Rated Wind Velocity (with 0.5" radial ice)</b>	85mph (137kph)
<b>Lateral Thrust @ 125mph WIND VELOCITY</b>	57 lbs. (26kg)
<b>Wind Resistance:</b>	0.2104 sq. ft.
<b>Mounting Information:</b>	FM2 Mounting Kit (Sold separately)



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