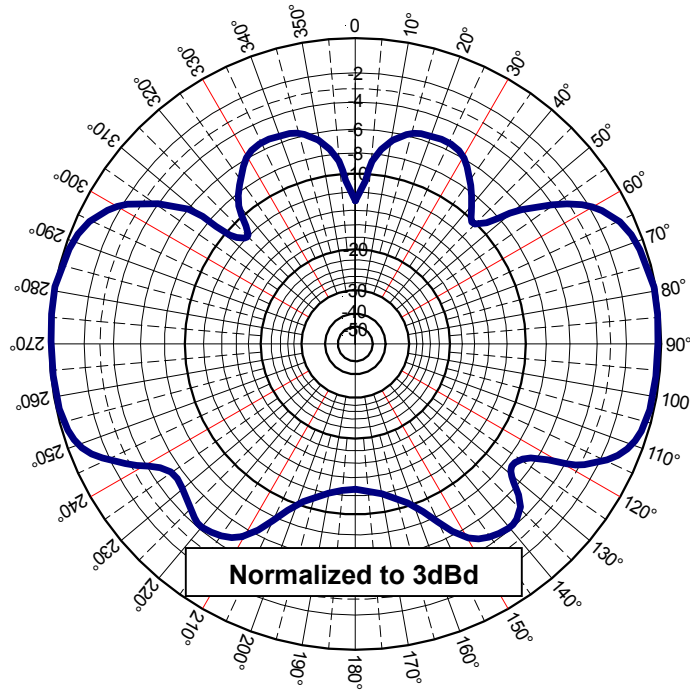




OMNI-DIRECTIONAL ANTENNAS FG9023 (902 – 928 MHz)



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

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

MECHANICAL SPECIFICATIONS

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

