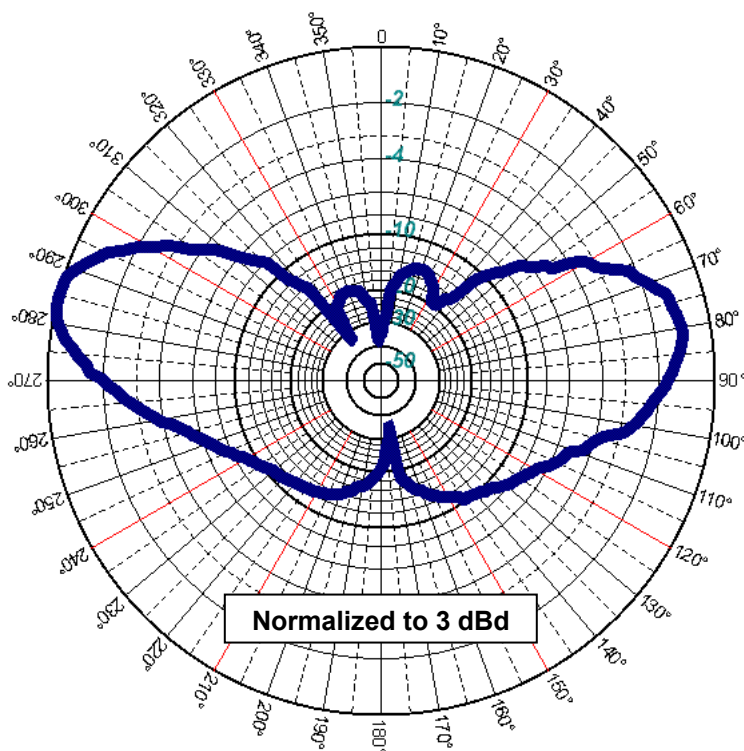




Smart Technology. Delivered.

# OMNI-DIRECTIONAL ANTENNAS

## FG4703 (470 – 490 MHz)



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

### FEATURES

- High Performance collinear design
- Easy installation /w optional FM2
- Special UV treated radome, resists sun damage
- N Female industry standard connector
- 100% tested on a network analyzer

### ELECTRICAL SPECIFICATIONS

Frequency Range:	470-490 MHz
VSWR:	< 2:1 Max
Nominal Gain:	3 dBd
Maximum Power:	100 W
Nominal Impedance:	50Ω
Polarization:	Vertical
Pattern:	Omni-Directional
Half-Power Beamwidth: (Elevation° x Azimuth°)	40° x 360°
Coaxial Cable Length & Type:	None
Termination:	N-Female connector
Lightning Protection:	Lightning Arrestor LABH350NN (Sold Separately)



### MECHANICAL SPECIFICATIONS

Height:	57 – 1/2"
Diameter:	1.310"
Weight:	< 3 lbs
Rated Wind Velocity:	125mph (210kph)
Rated Wind Velocity (with 0.5" radial ice)	85mph (137kph)
Equivalent Flat Plate Area in Sq. Feet:	0.5231 Sq. ft
Mounting Information:	FM2 Mounting Kit (Sold separately)

