

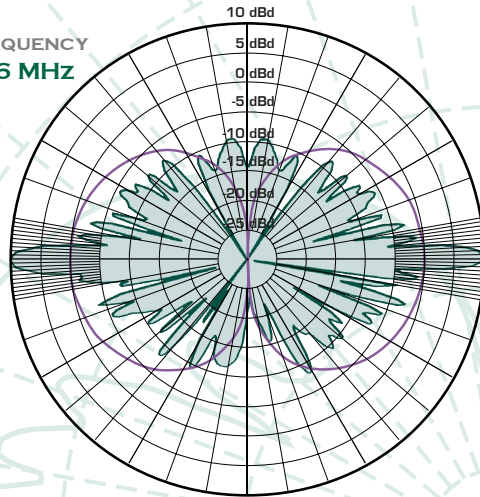
# BROADBAND ANTENNA

10 dBd MINIMUM GAIN

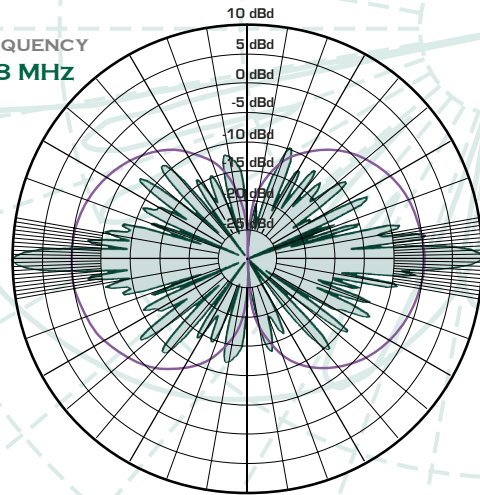
# BROADBAND ANTENNA



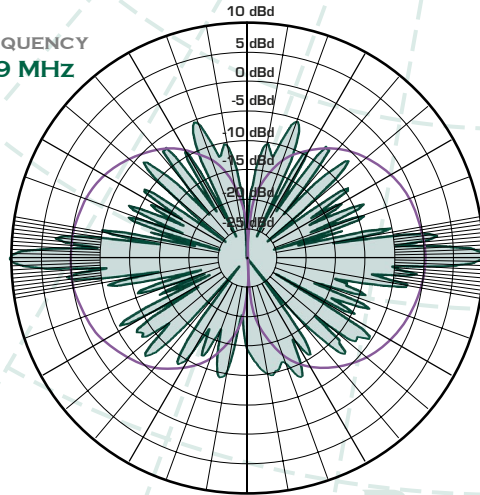
FREQUENCY  
746 MHz



FREQUENCY  
808 MHz



FREQUENCY  
869 MHz



### 101-83B-10-X-03/03N ♦ Electrical Specifications

Frequency Range	746-869 MHz
Gain	10 dBd Min
Power Rating	1000 W
Operating Bandwidth	123 MHz
VSWR, full BW	<1.5:1
Impedance	50 ohms
Vertical Beamwidth	4° ± 1°
Pattern	Omnidirectional
Lightning Protection	Direct low-Z ground with isolated center conductor
Connector	7/16 DIN Female (-03N - N Female)

### 101-83B-10-X-03/03N ♦ Mechanical Specifications

Rated Wind Velocity	150 mph
RWV with ½ in. ice	125 mph
Equivalent Flat Plate Area	3.55 ft²
Lateral Thrust @ 100 mph	127 lbf
Overall Length	18 ft
Weight	75 lbs
Radome Diameter	3.57 in.
Basepipe Length	24 in.
Basepipe Diameter	4 in.

# BROADBAND ANTENNA



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