

PowerMax™ MODEL 489-DB



HIGH PERFORMANCE DIRECTIONAL ANTENNA

MULTI-BAND 800-2500 MHz



Digital Antenna's completely unique multi-band directional antenna covers the entire spectrum from 800 MHz to 2.5 GHz and can be used for all cellular frequencies including North American standard 850 & 1900 MHz bands, Euro/Asian standard 900 & 1800 MHz bands, WCDMA at 2.1 GHz, Nextel 800 MHz, and the 2.5 GHz WiFi band. Designed for easy outside installation on a mast/pole, the 489-DB multi-band directional antenna is ideal for installation outside homes, offices and commercial buildings in areas of low cellular signal strength. The innovative product offers excellent signal pulling power for fixed installations where previously few solutions existed. Model 489-DB is compatible with all Digital Antenna PowerMax™ cellular repeaters.

PowerMax™ Series: 489-DB

Mount: Integrated brackets for pole.

Connector: Highest quality Type N female.

Cable: Not included – Use Digital Antenna's PowerMax™ cable.

Features

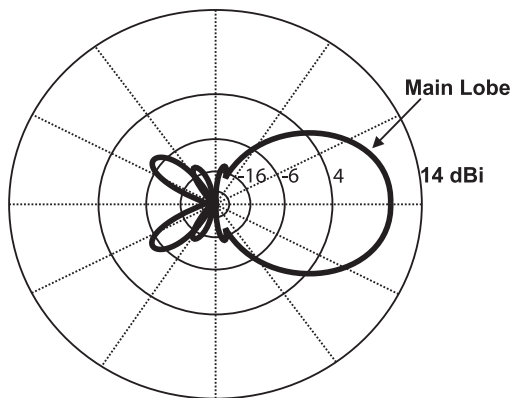
- Powerful multi-band radiators with 10 dB gain.
- Rugged UV stable, ABS housing.
- Mounting hardware included.
- Focused power captures more signals.

Product Technical Specifications

P/N 489-DB

Radiation Pattern	Directional
Gain	10 dBi
Beam Width	H80° V60°
Bandwidth VSWR < 1.5:5	800 - 2500 MHz
Front-to-back Ratio	>23 dB
Polarization	Vertical
Impedance	50 ohms
Max input power	100 watts
Dimensions	18" l x 8.5" h x 2.5" d (457 x 216 x 63.5 mm)
RF Connector	Type N female
Installation	Pole mount
Cable	6" low loss DA240
Antenna Color	Black high gloss
Temperature	-40 to +167° F (-40 to + 75° C)
Weight	2.6 lbs (41.8 oz)
Wind Rating	> 100 MPH

0° Azimuth Field Plot
Digital Antenna 10 dB Gain Multi-Band Antenna



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