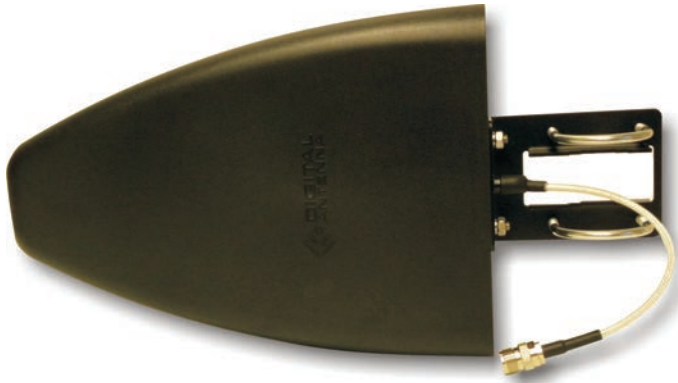


PowerLogic™ MODEL 457-DB



Log Periodic Antenna 8-10dB Gain

Wideband 690-2700 MHz



Features:

- High gain, low profile
- Black UV protected case
- Vibration stabilized foam filled
- Excellent 700 MHz LTE performance
- Focused power captures more signals
- Multiple bands: 690-2700 MHz
- Five year warranty
- RoHS Compliant

Digital Antenna's wideband log periodic antenna offers exceptional performance on all the major wireless carriers' frequencies as well as GPS, WiFi, and WiMax frequencies.

Designed and manufactured by Digital Antenna, model 457-DB is the only log periodic available with an incredibly low SWR of less than 1.5:1 across the entire specified frequency range. Low SWR equates to maximum power being conducted from the antenna providing maximum signal range.

Digital Antenna's 457-DB antenna is foam filled for vibration stabilization and long lasting performance in extreme conditions

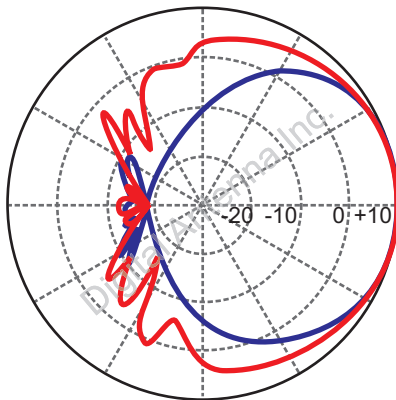
Model 457-DB includes stainless steel U-bolts for stationary mounting.

Applications include 700, 800, 850, 900, 1500, 1700, 1800, 1900, 2100, 2500 and 2600 MHz frequency bands; 4G, 3G, AWS, LTE, CLR, DCS, IMT, ISM, PCS, WCDMA, WCS, WiFi, WiMax, Cellular.

Product Technical Specifications

P/N 457-DB

Radiation Pattern	Directional
Frequency	690-2700 MHz
Gain	8-10dBi
Bandwidth	VSWR: <1.5: 1 = 690-2700 MHz
Front to Back Ratio	>20dB
Beamwidth	H70° V70°
Impedance	50 ohms
Max Input Power	100 watts
Exterior Finish	Black UV stable
Dimensions	11.575" L x 8" H x 2.375" D (294 x 203 x 60.325 mm)
Weight	1.375 lbs. (.623 kg)
RF Connector	Type N female
Installation	U-bolts for up to 1.75" pole
Cable	8" DA195
Polarization	Vertical
Wind Rating	> 110 MPH
Warranty	5 Years



Model 457-DB Radiation Plots

- Vertical Plane
- Horizontal Plane



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