

295-PW - 18" 9dBi Gain, Omni-directional 600-3800 MHz Cellular Antenna



Digital Antenna's 295-PW is a high-gain, multi-carrier, omni-directional cellular antenna designed to boost **5G**, **4G**, and **LTE** signals across 600 to 3800 MHz frequencies. Built for superior performance, it features a fiberglass rod, 316 stainless steel base, and precision brass radiators, maximizing RF signals with a peak gain of 9dBi for enhanced communication.

Key Features & Benefits

- **Precision-engineered brass radiators** enhance signal reliability and transmission speed.
- **Supports Carrier Aggregation**, enabling higher data throughput for seamless connectivity.
- **Optimized for evolving 5G technology**, covering 617-698 MHz and 3400-3800 MHz bands.
- **N-Type female base connector** ensures a secure, low-loss connection to custom cable runs.
- **Durable high-gloss urethane finish** provides UV resistance and long-term protection.
- **Versatile mounting options**—easily attaches to walls or poles for universal compatibility.
- **Individually hand-built, tested, and precision-tuned** for peak performance.
- **Backed by a 5-year warranty**, guaranteeing long-lasting reliability.

Equipped with an N-Type Female connector at the base, the 295-PW includes an L-bracket and U-bolts for secure wall or pole mounting.

Technical Specifications

Radiation Pattern	Omni-Directional
Peak Gain	9dBi
Frequencies	600-3800 MHz
Impedance	50 ohms
Max Input Power	10 watts
Exterior Finish	Polyurethane high gloss
Dimensions	18" length x 1" OD
Weight	16.1 oz
RF Connector	N Type Female
Installation	L bracket & U-bolts
Elements	Copper - Hand soldered
Polarization	Vertical
Wind Rating	>160KPH
Operating Temp	30° F to +175° F
Warranty	5 Years

Freq. MHz	Band	Gain dBi
617-698	CEL-71	2.9
699-746	CEL-12	2.9
704-746	CEL-17	3.3
746-787	CEL-13	3.3
758-798	FIRSTNET	3.5
824-894	CEL-5	4.7
1700 / 2100	CEL-4 AWS	5.1
1700 / 2100	CEL-66 XAW	5.1
1850-1995	CEL-2, 25	5.4
2305-2360	CEL-30 WCS	5.4
2496-2690	CEL-41 EBS	5.9
2570-2620	CEL-38	6.9
3450-3800	CEL-n77	8.9

Applications

Optimized for Multi-Carrier LTE, 4G, and 5G Applications – The high-gain, omni-directional design captures signals from all directions, enhancing data transmission and connectivity.

Reliable for Critical Business Communication – Supports Carrier Aggregation to deliver maximum data throughput for Machine-to-Machine (M2M) applications and high-end industrial routers.

Ideal for Weak Signal Areas – Precision-engineered brass radiators boost signal strength with up to 9dBi gain, ensuring stronger, more stable reception.

Built for Extreme Conditions – Includes a 316 stainless steel L-bracket and U-bolts, providing durability for both marine and land-based installations.