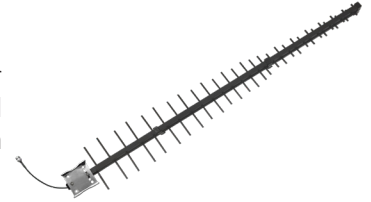


LPDA-R DONOR ANTENNA

Smart Cellular Coverage

MODEL NUMBERS: A62-V44-201

The CEL-FI LPDA-R Antenna offers a powerful 12 to 14 dBi gain (depending on carrier frequency) over 617–4000 MHz and is designed to reduce out of band noise, to improve SiNR and overall signal quality. Mounting is made simple with included U-Bolts. This CEL-FI product also features a 10K ohm resistor that enables antenna monitoring when is used with CEL-FI Public Safety line of products.



LPDA-R Donor Antenna

Features and benefits include:

- 12–14 dBi Gain
- Narrow Beam-width to Reduce Noise
- Rugged Construction for Harsh Environments
- 10k Ohms Resistor Built-in for Public Safety Applications

Electrical Specifications

Frequency (MHz)	617–960	1710–2700	3300–4000
Gain (dB)	12	14	12
VSWR	2.5	2.0	2.0
Polarization	Vertical		
Front to Back Ratio (dB)	20	24	13
Horizontal Beam Width	–125dBC	42°	36°
Vertical Beam Width	46°	34°	32°
Impedance (Ω Nom.)	50 ohms		
Input Power (W Max.)	50W		
Lighting Protection	DC Ground		

Mechanical Specifications

Connector	N-Female
Dimensions (mm)	1280 mm
Weight (kg)	1.6 kg
Reflector Material	Aluminum
Rated Wind Velocity	210 km/h
Operating Temperature°	-40°C to +65°C
Mounting Pole	Ø38–Ø52 mm

Mechanical Dimensions

