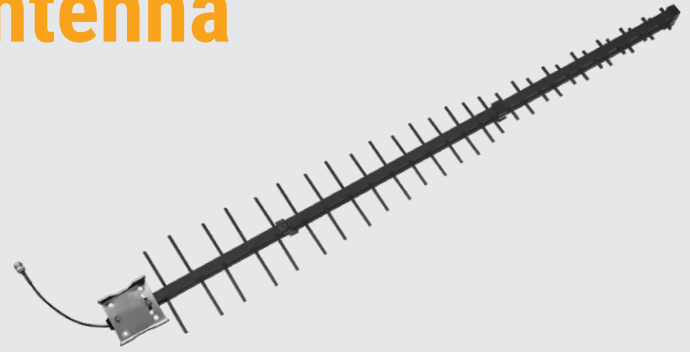




# Cel-Fi™ LPDA-R Antenna

Smart Cellular Coverage



## Model#: A62-V44-200

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 the antenna connection to be validated by Cel-Fi Network Units equipped with the capability.

### FEATURES

- 12–14 dBi gain
- Narrow beamwidth to reduce noise
- Rugged construction for harsh environments

### SPECIFICATIONS

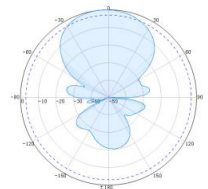
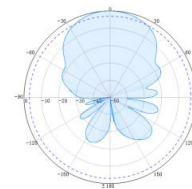
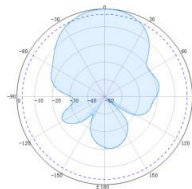
#### ELECTRICAL

Frequency Range (MHz)	617–960	1710–2700	3300–4000
Gain (dBi)	12	14	12
VSWR	≤2.5	≤2.0	≤2.0
Polarization	Vertical		
Front to Back Ratio (dB)	≥24	≥24	≥13
Horizontal Beam Width	55°	42°	36°
Vertical Beam Width	46°	34°	32°
Input Impedance	50 Ohms		
Maximum Input Power	50W		
Lightning Protection	DC Ground		

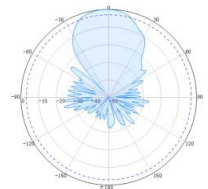
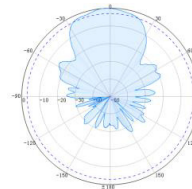
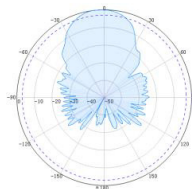
#### MECHANICAL

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

Horizontal



Vertical



617–960 MHz

1710–2690 MHz

3300–3950 MHz

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