



# Cel-Fi™ Wideband Directional Antenna

Smart Cellular Coverage



Model Numbers:

- A32-V32-100
- A32-V32-101
- A32-V32-200
- A32-V32-201

The Cel-Fi Wideband Directional Antenna is an outdoor vertically polarized directional antenna; with 10dB gain in the low bands and 11dB gain in the high bands. The weather resistant housing is built with UV stabilized ABS plastic. Optimized for Cel-Fi products, the Cel-Fi Wideband Directional Antenna can be used with the Cel-Fi WAVE Antenna positioning app. The unit includes standard brackets for mounting, and can also be used with the Cel-Fi Pole Mount.

\*Model -200 and -201 include a 10Kohm resistor for use with Nextivity Antenna Monitoring System.

## FEATURES

- Boosts Cell Signal by up to 11dBi
- 700 - 2700 MHz Frequency
- Vertical Polarization
- Directional

## SPECIFICATIONS

### ELECTRIC SPECIFICATION

Frequency Range	698-960 MHz	1710-2700 MHz
Gain	10dBi	11dBi
Horizontal Beamwidth	70°	
Vertical Beamwidth	50°	
F/B Ratio	≥15dB	
VSWR	≤2.0	≤1.5
Input Impedance	50 Ω	
Polarization	Vertical	
Maximum Input Power	50W	
Lightning Protection	DC Ground	

### MECHANICAL SPECIFICATION:

Connector Types (A32-V32-100) / (A32-V32-200*)	SMA male
(A32-V32-101) / (A32-V32-201*)	N-type female
Cable	2m coax (±30mm)
Dimension	450x205x60mm
Weight	550 g (±20g)
Reflector Material	Aluminum
Radome Material	ABS
Operating Temp:	-40°C to + 65°C

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