Cel-Fi™ Wideband Directional Antenna

Smart Cellular Coverage



May 2020

Model Numbers:
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.

Both models include a 10kohm resistor for use with Nextivity Antenna Monitoring System.

FEATURES

- Boosts Cell Signal by up to 11 dBi
- 700 - 2700 MHz Frequency
- Vertical Polarization
- 10k Resistor Built-in

SPECIFICATIONS

ELECTRIC SPECIFICATION

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

MECHANICAL SPECIFICATION:

Connector Types (A32-V32-200)	SMA male
(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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