

WIDEBAND DIRECTIONAL ANTENNA

Smart Cellular Coverage

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 and benefits include:

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



Wideband Directional Antenna

Electrical Specifications

Frequency (MHz)	698-960	1710-2700
Service Bands	10 dBi	11 dBi
Horizontal Beamwidth (°)	65°	
Vertical Beamwidth (°)	55°	
VSWR	1.8	1.5
Impedance (Ω Nom.)	50 Ω	
Polarization	Vertical	
Input Power (W Max.)	50	
Lightning Protection	DC Ground	
Nextivity Donor Antenna	Compatible with 10 kΩ resistor	

Mechanical Specifications

Dimensions (mm)	450x205x60 mm
Cable	2m coax (±30mm)
Packaging Size (mm)	200x170x1g Sizm
Weight (kg)	550 g (±20g)
Reflector Material	Aluminum
Random material	ABS
Operating Temperature°	-40°C to +65°C