

# SGNEXTG-GSM-6 Antenna

Antenna for use with ELPRO cellular products



## Description

The SGNEXTG-GSM-6 Antenna is a ground-independent multiband cellular antenna suitable for wireless cellular applications where signal strength is poor and additional antenna gain is required.

Vertically polarized with an omnidirectional radiation pattern, the antenna is equipped with a fiberglass/aluminum radome and a stainless steel mounting point.

Securely mount the antenna with the provided ferrule and locknut, or with the provided pole mounting kit.

## Specifications

SPECIFICATION	DESCRIPTION
<b>Parameters</b>	
Frequency	825–960 MHz, 1710–2190 MHz
Gain	6.2 dBi (825–960 MHz) 3 dBi (1710–2190 MHz)
Bandwidth	135 MHz at center frequency (825–960 MHz) 480 MHz at center frequency (1710–2190 MHz)
VSWR	<1.6:1 across each band
Polarization	Vertical
H-plane	Omnidirectional
E-plane	32°
<b>Termination</b>	
Termination	N-Type female on 7.9" (200 mm) RG-58 coaxial cable
<b>General</b>	
Size	31.4" (800 mm)
Housing	Fiberglass/aluminum
Mounting	Aluminum ferrule, secured to bracket with 0.5" (12.7 mm) hole and supplied locknut
Weight	1.5 lbs (700g)
Wind loading	10.1 lbs (4.6 kg) at 99 mph (160 km/h)

**Note:** Specifications are subject to change.

## Ordering

PRODUCT CODE	DESCRIPTION	FREQUENCY
SGNEXTG-GSM-6	Cellular antenna, N-type female 6.2 dBi gain 3 dBi gain	825–960 MHz 1710–2190 MHz

## Product Compatibility

PRODUCT CODE	DESCRIPTION	DATA SHEET
CC3-N/SMA	Coaxial cable kit, 9.8' (3m), N-type SMA	TD032019EN
CC10-BNC/N/SMA	Coaxial cable kit, 32.8' (10m), N-type SMA	TD032020EN



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