

CSNEXTG-GSM3G-2 Antenna

Antenna for use with ELPRO cellular products



Description

The CSNEXTG-GSM3G-2 Antenna is a ground-independent multi-band cellular antenna suitable for wireless cellular including Band 28 and 802.11b/g Wi-Fi applications.

Vertically polarized with an omnidirectional radiation pattern, the antenna is equipped with a polycarbonate radome and bulkhead mounting point.

The robust design and small size of the antenna permit discrete mounting. Use the threaded bulkhead mount with IP65-rated O-ring seal to mount the antenna directly on an electrical cabinet.

Specifications

SPECIFICATION	DESCRIPTION
Parameters	
Frequency	698–960 MHz, 1710–2170 MHz, 2300–2700 MHz
Gain	2 dBi (698–960 MHz) 3.5 dBi (1710–2170 MHz) 5 dBi (2300–2700 MHz)
Bandwidth	262 MHz (698–960 MHz) 460 MHz (1710–2170 MHz) 400 MHz (2300–2700 MHz)
VSWR	<2.0:1 across each band
Polarization	Vertical
H-plane	Omnidirectional
Termination	
Termination	SMA male connector on 4.1' (1.25m) RG-58 coaxial cable
General	
Size	37.4" (95 mm)
Housing	Polycarbonate
Mounting	0.5" (12.7 mm) threaded stud with supplied nut and washer
Weight	15.9 oz (168g)
Environmental	Bulkhead mount with IP65-rated O-ring seal

Note: Specifications are subject to change.

Ordering

PRODUCT CODE	DESCRIPTION	FREQUENCY
CSNextG-GSM3G-2	Cellular antenna, SMA male	
	1.8 dBi gain	698–960 MHz
	2 dBi gain	1710–2170 MHz
	3.5 dBi gain	2300–2700 MHz

Product Compatibility

PRODUCT CODE	DESCRIPTION
CSD-SMA-2500	Surge diverter for use with CC10-BNC/N/SMA or CC20-BNC/N/SMA coaxial cable kit



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