

Features

Directional

High gain 2x2 MIMO directional LTE antenna.

Wide bandwidth

Wide frequency range (698-2700MHz) supporting LTE connectivity in any location.

Simple installation

Designed for wall or pole installation.

Application

- Remote Site Connectivity
- Public Safety and Mission Critical Connectivity
- Event Connectivity
- LTE Office Connectivity
- Rural and Urban Locations Connectivity

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ANT-102
High gain 2x2 MIMO directional LTE antenna.

Specification

Cellular

Antenna elements	2 elements
Peak Gain & Frequencies	8dBi @ 698-960 MHz 6.5dBi @ 1710-2170 MHz 9dBi @ 2300-2700 MHz
VSWR	< 2 over 90% of the band
Isolation	>15 dB
Feed power handling	10W
Input impedance	50 Ω
Polarisation	Linear, antenna elements are cross polarised (0° and 90°)

Cable

Type	HDF-195
Loss	0.35 dB/m @ 900 MHz 0.53 dB/m @ 2000 MHz 0.6 dB/m @ 2500 MHz
Diameter	Ø0.2" / Ø5.0mm
Jacket	Half matt PVC, UV resistant
Termination	SMA male

Mounting

Supported types	Wall, pole
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Mechanical

Product dimensions	10.04" x 10.04" x 3.15" / 255 x 255 x 80 mm
Weight	3.41 lbs / 1.55kg
Random materials	ABS

Environmental, compliance

IP rating	IP65
Operating temperature	-40° - 158°F / -40° - 70°C
Storage temperature	-40° - 158°F / -40° - 70°C
Compliance	ROHS, REACH, WEEE
Wind survivability	99mph (160km/h)
Salt spray	MIL-STD 810F/ASTM B117

Ordering information

Product Code	Description
ANT-102-LTE2	2xLTE, 698-2700MHz, SMA, White, 16.4 ft / 5m