

Antenna-Coach-2LG

Coach Roof Antenna with MIMO LTE + GNSS + UN ECE R118

Omnidirectional combo antenna with linear polarization for signal enhancement in 4G, 3G, 2G networks and right-hand circular polarization for the active GPS antenna.



Keyfeatures

Cellular	MIMO LTE / UMTS / GSM
GNSS	active
Vehicle	UN ECE R10 / UN ECE R118

Specifications

Mobile / Cellular	Standard	<p>2 x LTE / UMTS / GSM</p> <p>LTE Bands: 1, 2, 3, 4, 5, 7, 8, 10, 11, 12, 13, 14, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27, 28, 29, 30, 32, 65, 66, 67, 68, 69, 70, 74, 75, 76, 85 - TDD Bands: 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 45, 50, 51, 53</p> <p>UMTS Bands: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 19, 20, 21, 25, 26, 32 - TDD Bands: 33, 34, 35, 36, 37, 38, 39, 40</p> <p>GSM Bands: 700, 850, 900, 1800, 1900</p> <p>Frequency 700 - 2600</p>
	Specification	<p>Gain -9 dBi typ. (700 MHz)</p> <p>±0 dBi typ. (800 MHz)</p> <p>+3 dBi typ. (900 MHz)</p> <p>+3 dBi typ. (1800 MHz)</p> <p>+1 dBi typ. (2100 MHz/UMTS)</p> <p>+2 dBi typ. (2600 MHz)</p> <p>VSWR ≤ 2 typ.</p> <p>Impedance 50 Ohm</p> <p>Radiation omnidirectional</p>
	Connectors	2x FAKRA D-coded female fix connected 3m antenna cable
GNSS	Standards	<p>1 x GPS / Galileo / GLONASS / BeiDou</p> <p>Type active</p> <p>Frequency 1565 - 1625</p>
	Specification	<p>Gain 25 dBi</p> <p>VSWR ≤ 1,5 typ.</p> <p>Impedance 50 Ohm</p> <p>Radiation omnidirectional</p>
	Amplifier	<p>Power 3 - 5 V</p> <p>Current 13 mA max.</p> <p>Gain 25 dB typ.</p>
	Connectors	1x FAKRA C-coded male fix connected 3m antenna cable
Mechanical	Dimensions	<p>Diameter 112 mm</p> <p>Height 30 mm</p>
	Weight	350 g
	Mounting	Rooftop with screws no ground plane needed
	Color	black
Environment	Operating Temperature	-40°C to +85°C
	Ingress Protection Level	IP69K - Dust-tight, protected against close-range high pressure, high temperature spray downs

Certifications	Compliance Domain	RoHS, REACH, Vehicle according to UN ECE R10, UN ECE R118 Vehicle
Extension Cables	Cellular GNSS	2 x fix connected / 3 m / FAKRA D-coded female 1 x fix connected / 3 m / FAKRA C-coded female
Other	Order Code	Antenna-Coach-2LG
