

# Antenna-Coach-4NGJs

## Coach Roof Antenna with 4x4 MIMO 5G + UN ECE R118 + GNSS

Omnidirectional combo antenna with linear polarization for signal enhancement in 5G, 4G, 3G, 2G . and GPS

### Keyfeatures

<b>Cellular</b>	MIMO 5G / LTE / UMTS / GSM
<b>Vehicle</b>	UN ECE R10 / UN ECE R118
<b>GNSS</b>	active



### Specifications

<b>Mobile / Cellular</b>	<b>Standard</b>	<p>4 x 5G / LTE / UMTS / GSM</p> <p><b>5G</b> Bands: 1, 2, 3, 5, 7, 8, 12, 20, 25, 28, 65, 66, 70, 74, 75, 76, 80, 81, 82, 83, 84, 86 - TDD Bands: 34, 38, 39, 40, 41, 50, 51, 78</p> <p><b>LTE</b> 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><b>UMTS</b> 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><b>GSM</b> Bands: 700, 850, 900, 1800, 1900</p> <p><b>Frequency</b> 700 - 1900, 3400 - 3800</p>
	<b>Specification</b>	<p><b>Gain</b> -16 dBi typ. (700 MHz)</p> <p>-8 dBi typ. (800 MHz)</p> <p>±0 dBi typ. (900 MHz)</p> <p>+1 dBi typ. (1800 MHz)</p> <p>+2 dBi typ. (2100 MHz)</p> <p>+2 dBi typ. (2600 MHz)</p> <p>+5 dBi typ. (3600 MHz)</p> <p><b>VSWR</b> ≤ 2 typ.</p> <p><b>Impedance</b> 50 Ohm</p> <p><b>Radiation</b> omnidirectional</p>
	<b>Connectors</b>	4x SMA male fix connected 3m antenna cable
<b>GNSS</b>	<b>Standards</b>	<p>1 x GPS / Galileo / BeiDou / GLONASS</p> <p><b>Type</b> active</p> <p><b>Frequency</b> 1560 MHz - 1625 MHz</p>
	<b>Specification</b>	<p><b>Gain</b> 25 dBi</p> <p><b>VSWR</b> 25 dBi</p> <p><b>Impedance</b> 50 Ohm</p> <p><b>Radiation</b> omnidirectional</p>
	<b>Amplifier</b>	<p><b>Power</b> 3 - 5 V</p> <p><b>Current</b> 13 mA max.</p> <p><b>Gain</b> 25 dB typ.</p>
	<b>Connectors</b>	1x SMA male fix connected 3m antenna cable
<b>Mechanical</b>	<b>Dimensions</b>	<p><b>Diameter</b> 112 mm</p> <p><b>Height</b> 90 mm</p>
	<b>Weight</b>	550 g
	<b>Mounting</b>	Rooftop with screws no ground plane needed
	<b>Color</b>	black

<b>Environment</b>	<b>Operating Temperature Ingress Protection Level</b>	-40°C to +85°C IP69K - Dust-tight, protected against close-range high pressure, high temperature spray downs
<b>Certifications</b>	<b>Compliance Domain</b>	RoHS, REACH, Vehicle according to UN ECE R10, UN ECE R118 Vehicle
<b>Extension Cables</b>	<b>Cellular</b>	4 x fix connected / 3 m / SMA male
<b>Other</b>	<b>Order Code</b>	Antenna-Coach-4NGJs