

Product: [Antenna-Coach-2L2WGJs](#) 

Vehicle Rooftop Antenna with 2x4G, 2xWLAN, 1xGNSS, SMA



Product Description

Vehicle Rooftop Antenna with 2x4G (LTE), 2xWLAN, 1xGNSS (active), SMA Connectors, R10/R118 Certification, 3m Cable

Technical Specifications

Product Overview

Name:	Antenna-Coach-2L2WGJs
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General Information

Scope of delivery:	1x Antenna with 5x Pigtail 3m
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More Interfaces

GPS (global positioning system):	1x GPS / Galileo / GLONASS / BeiDou, Type: active, Frequency: 1565 - 1625 MHz (L1 Band), Gain: 5 dBi, VSWR \leq 1,5 typically, Impedance: 50 Ω , Radiation: Omnidirectional, Amplifier: 3 - 5 VDC, 13 mA max, 25 dB gain typically, Connector: 1x SMA male
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Radio technology

Modules

Description	Antenna Connector	Additional Radio Features	Frequency Band
Module 1	2x SMA male	Gain: -9dBi at 700 MHz, 0dBi at 800 MHz, 3dBi at 900 MHz, 3 dBi at 1800 MHz, 1 dBi at 2100 MHz, 2 dBi at 2600 MHz; VSWR \leq 2 typically; Impedance 50 Ohm; Radiation pattern: Omnidirectional	700-2600 MHz
Module 3	2x FAKRA I-coded female	Gain: 4 dBi at 2.4 GHz, 1dBi at 5 GHz; VSWR \leq 2; Impedance 50 Ω ; Pattern: Omnidirectional	WLAN: 2.4 GHz, 5 GHz

Ambient conditions

Degree of Protection when Installed:	IP69K (Dust-tight, protected against close-range high pressure, high temperature spray downs)
Operating temperature:	-40-+85 °C

Mechanical construction

Dimensions (WxHxD):	Antenna: Diameter 112 mm, Height 30mm
Weight:	350 g
Housing Color:	black
Mating Side:	Bottom

Approvals

Basis Standard:	RoHS, REACH, Vehicle according to UN ECE R10 and UN ECE R118
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Further Instructions

Certificates:	Certificates and further technical documentation in the downloads.
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History

Update and Revision:	Revision Number: 0.20 Revision Date: 02-10-2026
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Variants

Item #	Type	EAN Code
942998116	Antenna-Coach-2L2WGJs	4059759036439

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