

Antenna-Coach-2L2WG

Fahrzeugtaugliche Dach-Antenne mit MIMO LTE + MIMO WLAN + GNSS + UN ECE R118

Omnidirektionale Kombi-Antenne mit linearer Polarisation zur Signalverbesserung in 4G-, 3G-, 2G- und WLAN-Netzwerken sowie mit rechtszirkularer Polarisation für die aktive GPS-Antenne.

Hauptmerkmale

WiFi / WLAN	MIMO 2.4 / 5 GHz
Cellular	MIMO LTE / UMTS / GSM
GNSS	aktiv
Vehicle	UN ECE R10 / UN ECE R118



Spezifikation

Mobile / Cellular	Standard	2 x LTE / UMTS / GSM 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 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 GSM Bands: 700, 850, 900, 1800, 1900 Frequency (MHz) 700 - 2600
	Specification	Gain -9 dBi typ. (700 MHz) ±0 dBi typ. (800 MHz) +3 dBi typ. (900 MHz) +3 dBi typ. (1800 MHz) +1 dBi typ. (2100 MHz/UMTS) +2 dBi typ. (2600 MHz) VSWR ≤ 2 typ. Impedance 50 Ohm Radiation omnidirectional
	Connectors	2x FAKRA D-coded female fix connected 3m antenna cable
WiFi / WLAN	Standards	2 x Dual-band WLAN 2.4/5 GHz Frequency (MHz) 2408 - 2480, 5150 - 5850
	Specification	Gain 4 dBi (WLAN 2.4) / 1 dBi (WLAN 5) VSWR ≤ 2 typ. Impedance 50 Ohm Radiation omnidirectional
	Connectors	2x FAKRA I-coded female fix connected 3m antenna cable
GNSS	Standards	1 x GPS / Galileo / GLONASS / BeiDou Type active Frequency (MHz) 1565 - 1625
	Specification	Gain 25 dBi VSWR ≤ 1,5 typ. Impedance 50 Ohm Radiation omnidirectional
	Amplifier	Power 3 - 5 V Current 13 mA max. Gain 25 dB typ.
	Connectors	1x FAKRA C-coded female fix connected 3m antenna cable

Mechanical	Dimensions	Diameter 112 mm
	Weight	Height 30 mm
	Mounting	350 g
	Color	Rooftop with screws no ground plane needed black
Environment	Operating Temperature	-40°C bis +85°C
	Ingress Protection Level	IP69K - Staubdicht, Schutz gegen Wasser bei Hochdruck-/Dampfstrahlreinigung
Certifications	Compliance Domain	RoHS, REACH, Vehicle according to UN ECE R10, UN ECE R118 Vehicle
Extension Cables	Cellular	2 x fix connected / 3 m / FAKRA D-coded female
	WLAN	2 x fix connected / 3 m / FAKRA I-coded female
	GNSS	1 x fix connected / 3 m / FAKRA C-coded female
Other	Order Code	Antenna-Coach-2L2WG