

Antenna-Roof-2L2WG

Dach-Antenne mit MIMO LTE + MIMO WLAN + GNSS

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

Spezifikation

Mobile / Cellular	Standard	2 x LTE / UMTS / GSM LTE Bands: 1, 2, 3, 4, 5, 7, 8, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 30, 65, 66, 67, 68, 69, 70, 85 - TDD Bands: 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53 UMTS Bands: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 19, 20, 25, 26 - TDD Bands: 33, 34, 35, 36, 37, 38, 39, 40 GSM Bands: 710, 750, 810 T-GSM, 850, 900 P, 900 E, 900 R, 1800 DCS, 1900 PCS Frequency (MHz) 704 - 960, 1710 - 2690
	Specification	Gain 6.9dBi@700~960MHz (1m Cable) 4.0dBi@1710~2170MHz (1m Cable) 2.7dBi@2300~2690MHz (1m Cable) VSWR ≤ 2.2 typ. Impedance 50 Ohm Radiation omnidirectional
	Connectors	2x SMA male fix connected 3m antenna cable
WiFi / WLAN	Standards	2 x Dual-band WLAN 2.4/5 GHz Frequency (MHz) 2400 - 2500, 5100 - 5850
	Specification	Gain 3,9 dBi (WLAN 2.4) / 3,3 dBi (WLAN 5) VSWR ≤ 1,7 typ. Impedance 50 Ohm Radiation omnidirectional
	Connectors	2x SMA male fix connected 3m antenna cable
GNSS	Standards	1 x GPS / Galileo / GLONASS / BeiDou Type active Frequency (MHz) 1532 - 1618
	Specification	Gain 27 dBi VSWR ≤ 1,5 typ. Impedance 50 Ohm Radiation omnidirectional
	Amplifier	Power 3 - 5.5 V Current 6,1 mA - 13 mA Gain 25 dB typ.
	Connectors	1x SMA male fix connected 3m antenna cable

Mechanical	Dimensions	Diameter 110 mm
	Weight	Height 40 mm
	Mounting	750 g
	Color	Rooftop with screws no ground plane needed black
Environment	Operating Temperature	-40°C bis +80°C
	Ingress Protection Level	IP67
Certifications	Compliance	RoHS, REACH
	Domain	Industrial
Extension Cables	Cellular	2 x fix connected / 3 m / SMA male
	WLAN	2 x fix connected / 3 m / SMA male
	GNSS	1 x fix connected / 3 m / SMA male
Other	Order Code	Antenna-Roof-2L2WG