

Antenna-Coach-2W

Coach mounted antenna for MIMO WiFi



The Antenna-Coach-2W omnidirectional combo antenna for signal enhancement in WiFi networks. It is special designed according to ECE-R 118 burning behaviour and can be used in the interior construction of motor vehicles. The antenna combines two WiFi antennas in a single housing and thus supports MIMO WiFi 2.4/5 GHz. WiFi is linear polarized.

The antenna is RoHS, REACH and ECE-R 118 compliant and with protection level IP69K (mounted) and supported temperature range from -40 °C to +85 °C it is suited for indoor and outdoor usage in harsh environments. The antenna can be mounted permanently with screws and two included 3 m cables allow a flexible positioning.

Features

- MIMO WiFi 2.4 GHz
- MIMO WiFi 5 GHz

Frequencies

- 2408 - 2480 MHz (802.11b/g/n)
- 5150 - 5850 MHz (802.11a/h/j/n/ac)

Specifications

Supported Technologies	MIMO WiFi 2.4 / 5 GHz
WiFi	Frequencies: 2408 - 2480 MHz / 5150 - 5850 MHz VSWR*: < 2.0 typ Peak Gain*: +4 dBi typ (2400 MHz) / +1 dBi typ (5300 MHz) Radiation: Omnidirectional; Linear polarisation Connectors: 2x FAKRA female plug I (beige) Cables: 2x RG174; 3m *) with 0.6 m cable
Certifications	RoHS, REACH, ECE R 118
Protection level	IP69K (mounted)
Temperature range	-40 °C to +85 °C
Environment	Outdoor and Indoor
Color	Black
Dimensions	76 mm(Ø) x 23 mm(H)
Mounting	Screw through hole mount Lock screw M16x1.5 included Recommended Mounting Hole: 16.2 mm (+2 mm, -0 mm) Recommended Torque for Mounting: min. 4 Nm to max. 6 Nm no ground plane needed
Order number	Antenna-Coach-2W