

# Antenna-Railway-Indoor-W

Small omni-directional indoor antenna for WiFi applications



The Antenna-Railway-Indoor-W is an omnidirectional train antenna with certification according to railway standard EN 50155 for mounting in trains and vehicles. The antenna supports WiFi 2.4 and 5 GHz and is suited for applications as passenger WiFi or data acquisition. It is vertical polarized and can be used in a temperature range from -40°C to +80 °C. The antenna can be mounted permanently with 2 screws and one included 3m cable allows a flexible positioning.

## Features

- WiFi 2.4/5 GHz
- EN50155 certified

## Frequencies

- 2400 - 2500 MHz
- 5100 - 6000 MHz

## Specifications

Supported Technologies	WiFi 2.4 GHz WiFi 5 GHz
WiFi	Frequencies: 2400 - 2500 / 5100 - 6000 MHz Gain: 6 dBi @ 2400 - 2500 MHz / 8 dBi @ 5100 - 6000 MHz VSWR: 1.8 Impedance: 50 Ohm Radiation: Omnidirectional; Vertical polarization Connector: TNC male Cable: FRNC 3m
Certifications	RoHS / REACH / EN 50155:2004 / DIN 5510-2 / BS 6853 / EN 45545-2 (2013)
Protection level	IP65
Temperature range	-40 °C to +80 °C
Environment	Indoor
Color	RAL 7035 (light-grey)
Dimensions	43 x 86 mm (Height x Diameter)
Mounting	Screw mounting Mounting hole Ø35mm-Ø40mm Screws not included
Order number	Antenna-Railway-Indoor-W