

# Antenna-Railway-Indoor-2W

Indoor omni-directional dual-band WiFi-  
antenna for MIMO standard



The Antenna-Railway-Indoor-2W is an omnidirectional train antenna with certification according to railway standard EN 50155 for mounting in trains and vehicles. The antenna supports MIMO 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 +85 °C. The antenna can be mounted permanently with 2 screws and two included 3m cables allow a flexible positioning.

## Features

- MIMO WiFi 2.4 / 5 GHz
- EN50155 certified

## Frequencies

- 2400 - 2690 MHz
- 5150 - 5935 MHz

## Specifications

Supported Technologies	MIMO WiFi 2.4 GHz MIMO WiFi 5 GHz
WiFi	Frequencies: 2400 - 2690 / 5150 - 5935 MHz Gain: 4 dBi @ 2400 - 2690 MHz / 6 dBi @ 5150 - 5935 MHz VSWR: 1.5 Impedance: 50 Ohm Radiation: Omnidirectional; vertical polarization Connectors: 2x TNC male Cables: 2x FRNC 3m
Certifications	RoHS / REACH / EN 50155:2007 / DIN 5510-2 / BS 6853 / EN 45545-2 (2013) / UIC 533 / MIL-F-14072(E)
Protection level	UL 94-V0
Temperature range	-40°C to +85°C
Environment	Indoor
Color	White
Dimensions	281.8 x 91.8 x 31 mm (Height x Width x Depth)
Mounting	2 holes for mounting - Ø8.5mm
Order number	Antenna-Railway-Indoor-2W