

# Antenna-Coach-2W

## Coach Roof Antenna with MIMO WLAN + UN ECE R118

Omnidirectional combo antenna for signal enhancement in WLAN networks.

### Keyfeatures

|                    |                  |
|--------------------|------------------|
| <b>WiFi / WLAN</b> | MIMO 2.4 / 5 GHz |
| <b>Vehicle</b>     | UN ECE R118      |



### Specifications

|                         |                                 |   |
|-------------------------|---------------------------------|---|
| <b>WiFi / WLAN</b>      | <b>Standards</b>                | 2 x Dual-band WLAN 2.4/5 GHz / WLAN 2.4 GHz   |
|                         | <b>Specification</b>            | <b>Frequency</b> 2408 - 2480, 5150 - 5850<br><b>Gain</b> 3 dBi (WLAN 2.4 GHz) / 1 dBi (WLAN 5.3 GHz)<br><b>VSWR</b> ≤ 2 typ.<br><b>Impedance</b> 50 Ohm<br><b>Radiation</b> omnidirectional |
|                         | <b>Connectors</b>               | 2x FAKRA I-coded female fix connected 3m antenna cable  |
| <b>Mechanical</b>       | <b>Dimensions</b>               | <b>Diameter</b> 76 mm<br><b>Height</b> 21 mm  |
|                         | <b>Weight</b>                   | 160 g   |
|                         | <b>Mounting</b>                 | Rooftop with screws no ground plane needed  |
|                         | <b>Color</b>                    | black   |
| <b>Environment</b>      | <b>Operating Temperature</b>    | -40°C to +85°C  |
|                         | <b>Ingress Protection Level</b> | IP69K - Dust-tight, protected against close-range high pressure, high temperature spray downs   |
| <b>Certifications</b>   | <b>Compliance</b>               | RoHS, REACH, UN ECE R118  |
|                         | <b>Domain</b>                   | Vehicle   |
| <b>Extension Cables</b> | <b>WLAN</b>                     | 2 x fix connected / 3 m / FAKRA I-coded female  |
| <b>Other</b>            | <b>Order Code</b>               | Antenna-Coach-2W  |