# R&S®ADD207
# COMPACT UHF/SHF DF ANTENNA

Product Brochure
Version 02.00

ROHDE&SCHWARZ
Make ideas real

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# AT A GLANCE

R&S®ADDx compact single-channel DF antennas are vital to Rohde&Schwarz direction finder performance. The technology is based on over 50 years of experience in developing DF antennas with superior sensitivity and accuracy, despite their compact size.

R&S®ADD207 UHF/SHF DF antennas are optimized for radiolocation from a moving vehicle on interference hunting missions and for small scale electronic warfare (EW) operations including emitter hunting missions and long-term monitoring missions close to targets. With the optional R&S®ADD17XZ3 vehicle adapter with magnet mount, the R&S®ADD207 can turn a commercial vehicle into an accurate mobile direction finder within minutes. The large magnetic surface and adaptation to slightly curved vehicle roofs, enables the adapter to be used at speeds of up to 130 km/h.

Sporadic radio interference sources and short emissions from private mobile radios (PMR) can be located with two or more transportable spectrum monitoring stations temporarily deployed at higher elevations, such as roof tops. Transportable ESM systems can be deployed for the quick surveillance of static areas, such as command outposts or for convoy protection during tactical movements. For temporary deployment, the R&S®ADD207 can be installed on an R&S®ADD17XZ6 wooden tripod or on an R&S®DDF1555X01 lightweight tripod with adapter.

The R&S®ADD207 can be installed on erectable masts with the R&S®ADD17XZ2 mast adapter. The R&S®DDF1555X04 mast adapter is recommended for installation on transportable masts.

## KEY FACTS

- Frequency range from 600 MHz to 6 GHz
- Superior system DF accuracy
- Integrated GPS and electronic compass (depending on version)
- Vehicle adapter with magnet mount (option)
- Tripod with antenna adapter (option)



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# SPECIFICATIONS IN BRIEF

| Specifications in brief | | |
|---|---|---|
| Frequency range | | 600 MHz to 6 GHz |
| Polarization | | vertical |
| System DF accuracy | | 1.5° RMS (typ.) |
| Dimensions | Ø × H | approx. 0.33 m × 0.27 m<br>(13 in × 10.63 in) |
| Weight | | approx. 6 kg (13.23 lb) |

# ORDERING INFORMATION

| Description | Type | Order No. |
|---|---|---|
| **Antenna** | | |
| Compact VHF/UHF DF antenna, color: light ivory | R&S®ADD207 | 4096.0002.02 |
| Compact VHF/UHF DF antenna, color: squirrel grey | R&S®ADD207 | 4096.0002.04 |
| Compact VHF/UHF DF antenna, color: bronze green | R&S®ADD207 | 4096.0002.05 |
| Compact VHF/UHF DF antenna, color: pure white | R&S®ADD207 | 4096.0002.06 |
| Compact VHF/UHF DF antenna, color: jet black | R&S®ADD207 | 4096.0002.07 |
| Compact VHF/UHF DF antenna, without compass, color: light ivory | R&S®ADD207 | 4096.0002.52 |
| Compact VHF/UHF DF antenna, without compass, color: squirrel grey | R&S®ADD207 | 4096.0002.54 |
| Compact VHF/UHF DF antenna, without compass, color: bronze green | R&S®ADD207 | 4096.0002.55 |
| Compact VHF/UHF DF antenna, without compass, color: pure white | R&S®ADD207 | 4096.0002.56 |
| Compact VHF/UHF DF antenna, without compass, color: jet black | R&S®ADD207 | 4096.0002.57 |
| **Accessories** | | |
| **Adapter for masts** | | |
| Mast adapter | R&S®ADD17XZ2 | 4079.5000.02 |
| Mast adapter, for transportable masts | R&S®DDF1555X04 | 4500.4541.02 |
| **Adapter for vehicles** | | |
| Vehicle adapter with magnet mount | R&S®ADD17XZ3 | 4090.8801.02 |
| **Tripods** | | |
| Wooden tripod with adapter | R&S®ADD17XZ6 | 4090.8860.02 |
| Lightweight tripod with antenna adapter | R&S®DDF1555X01 | 4500.4506.02 |

| Service options | | |
|---|---|---|
| Extended warranty, one year | R&S®WE1 | Contact your local Rohde&Schwarz sales office for more information. |
| Extended warranty, two years | R&S®WE2 | |
| Extended warranty, three years | R&S®WE3 | |
| Extended warranty, four years | R&S®WE4 | |
| Performance check | R&S®CHK-PERF | 5930.0144.00 |


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**Service at Rohde&Schwarz**
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- Worldwide
- Local and personalized
- Customized and flexible
- Uncompromising quality
- Long-term dependability

**Rohde&Schwarz**

The Rohde&Schwarz technology group is among the trailblazers when it comes to paving the way for a safer and connected world with its leading solutions in test&measurement, technology systems and networks&cybersecurity. Founded more than 85 years ago, the group is a reliable partner for industry and government customers around the globe. The independent company is headquartered in Munich, Germany and has an extensive sales and service network with locations in more than 70 countries.

www.rohde-schwarz.com

**Sustainable product design**

- Environmental compatibility and eco-footprint
- Energy efficiency and low emissions
- Longevity and optimized total cost of ownership

Certified Quality Management
ISO 9001

Certified Environmental Management
ISO 14001

**Rohde&Schwarz training**
www.training.rohde-schwarz.com

**Rohde&Schwarz customer support**
www.rohde-schwarz.com/support

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