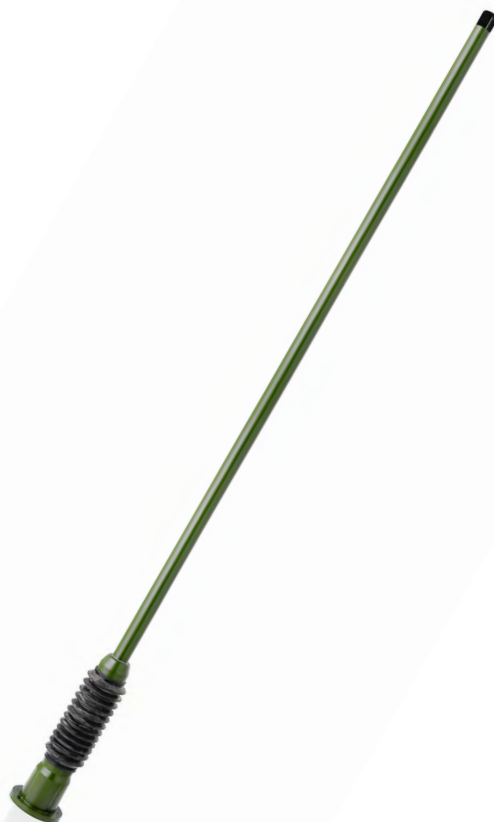


Широкополосная антенна НК061



Диапазон 30 - 600 МГц

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Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
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Вологда (8172)26-41-59
Воронеж (473)204-51-73
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Калуга (4842)92-23-67
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Киров (8332)68-02-04
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Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
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Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
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Череповец (8202)49-02-64
Ярославль (4852)69-52-93

R&S®HK061 VEHICULAR BROADBAND COMMUNICATIONS ANTENNA

30 MHz to 600 MHz

Compact transmitting/receiving antenna specially designed for operation on vehicles



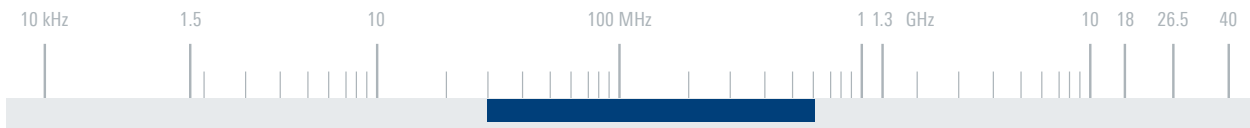
The R&S®HK061 vehicular broadband communications antenna is designed for mobile and semi-stationary communications tasks.

The antenna elements are integrated in a highly ruggedized radome (weather resistant and oak beam test proved) and are connected to the antenna base via a spring element with a tilt and erect function.

The antenna is installed using a four-hole NATO flange, which provides for easy integration in numerous existing systems.

Key facts

- ▶ Extremely wide frequency range
- ▶ Inconspicuous design, favorable form factor
- ▶ High efficiency
- ▶ Excellent radiation characteristics
- ▶ For use in harsh environments
- ▶ Wide operating temperature range
- ▶ Version with integrated GPS antenna available

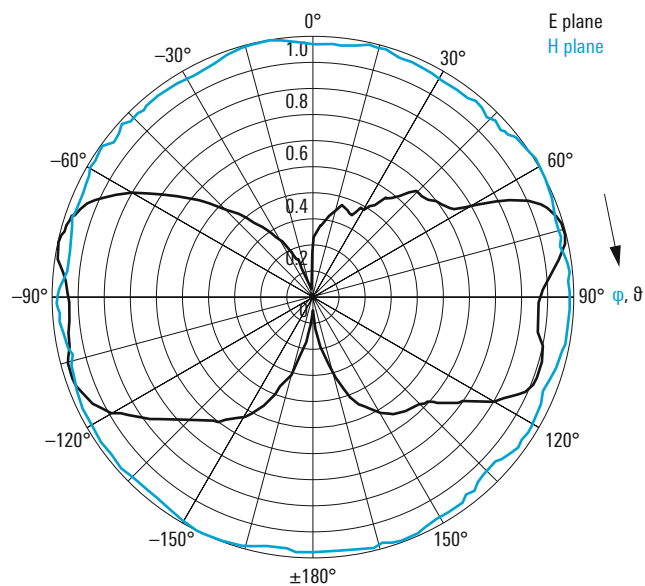
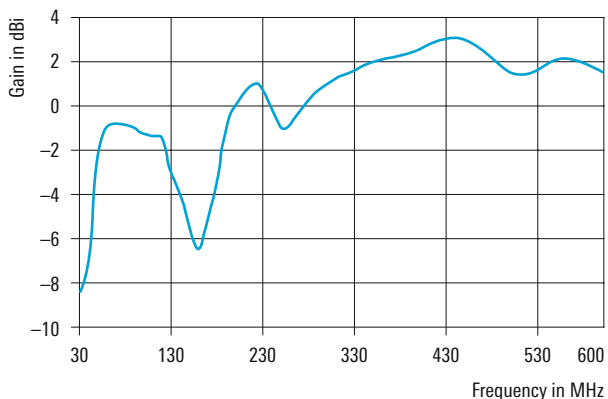


Specifications

Frequency range	30 MHz to 600 MHz	
Connector	N female, 50 Ω	
VSWR (measured on a 3 m × 3 m ground plane)	typ. < 3.0	
Gain	see diagram	
Azimuth pattern	omnidirectional	
Max. deviation from circularity	±1 dB	
Elevation pattern	< 170 MHz	monopole-like
	> 170 MHz	dipole-like
Input power	up to +50°C	max. 100 W CW
	at +71°C	max. 50 W CW
Protection class	IP67, in line with EN 60529	
Operating temperature range	-40°C to +71°C	
Dimensions	length	approx. 2.2 m (7 ft)
	radome diameter	approx. 40 mm (2 in)
	flange diameter	approx. 140 mm (6 in)
Weight	▶ models .03, .04, .05	▶ approx. 9 kg (20 lb)
	▶ model .13, .14, .15	▶ approx. 10 kg (22 lb)

**Typical patterns at 200 MHz
(measured on a 3 m × 3 m ground plane)**

Typical gain measured on a 3 m × 3 m ground plane in horizontal direction



Ordering information	Type	Order No.
Vehicular broadband communications antenna	R&S®HK061	
Color: bronze green (RAL 6031F9)		4076.0007.05
Color: sand yellow (RAL 1002)		4076.0007.03
Color: squirrel gray (RAL 7000)		4076.0007.04
With integrated GPS antenna, color: sand yellow (RAL 1002)		4076.0007.13
With integrated GPS antenna, color: squirrel gray (RAL 7000)		4076.0007.14
With integrated GPS antenna, color: bronze-green (RAL 6031F9)		4076.0007.15



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