Широкополосная антенна HF907OM

Диапазон 800 МГЦ - 26.5 ГГц

Архангельск (8182)63-90-72
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
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
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
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47
Россия (495)268-04-70
Казахстан (772)734-952-31

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R&S®HF907OM BROADBAND OMNIDIRECTIONAL ANTENNA

800 MHz to 26.5 GHz

Broadband omnidirectional antenna for detecting and monitoring mobile radio and microwave signals

Also capable of transmitting low-power signals (e.g. for EMS measurements)

The linearly polarized R&S®HF907OM broadband omnidirectional antenna covers the extremely wide frequency range from 800 MHz to 26.5 GHz.

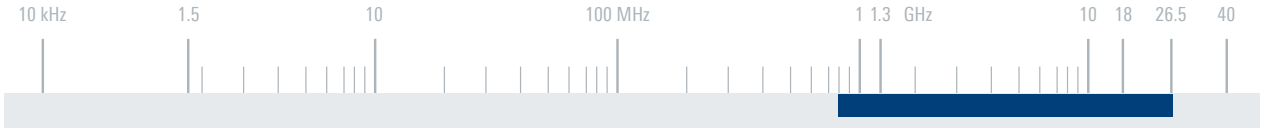
As a receiving antenna, its primary fields of application are detecting, monitoring and measuring GSM and microwave signals with high sensitivity. As a transmitting antenna, it is primarily designed to transmit low-power signals (e.g. to carry out EMS measurements or to emit test signals).

By using a low-attenuation, weatherproof radome, reliable operation of the antenna is ensured even in harsh environments.

The RF connector is a PC 3.5 female that is mechanically compatible with SMA and K connectors.

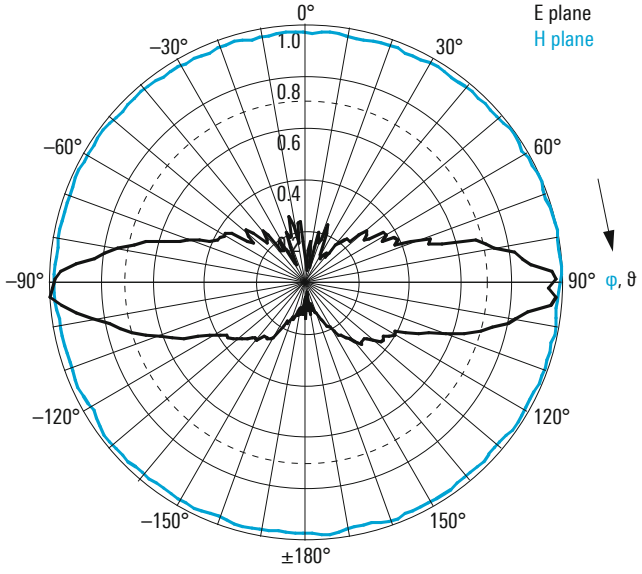
Key facts

- Extremely wide frequency range
- Compact dimensions
- High efficiency
- Robust design – ideal for use on board vehicles

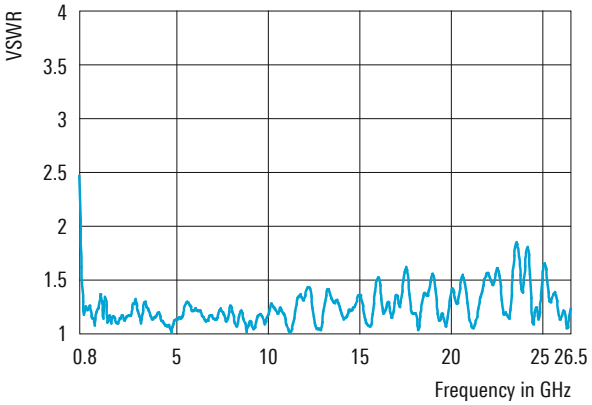


Specifications		
Frequency range		800 MHz to 26.5 GHz
Polarization		linear/vertical
Input impedance		50 Ω
VSWR	f ≤ 1 GHz f > 1 GHz	≤ 2.5 < 2.0
Max. input power		50 W to 10 W CW up to +40 °C ambient temperature
Gain		1 dBi to 5 dBi (typ.)
Uncircularity of azimuth pattern	at f < 20 GHz at f > 20 GHz	±1 dB ±1.5 dB
Connector		PC 3.5 female
Operating temperature range		–30 °C to +50 °C
Protection class		IPx5
MTBF		> 100 000 h
Max. wind speed	without ice deposit	275 km/h
	with 30 mm radial ice deposit	200 km/h
Dimensions	Ø × H	approx. 210 mm × 265 mm (8 in × 10 in)
Weight		approx. 1.5 kg (3 lb)

Typical azimuth and elevation diagrams at 15 GHz



Typical VSWR



Ordering information	Type	Order No.
Broadband omnidirectional antenna, color: silver grey (RAL 7001)	R&S®HF907OM	4070.3279.02
Broadband omnidirectional antenna, color: squirrel grey (RAL 7000)	R&S®HF907OM	4070.3279.03
Broadband omnidirectional antenna, color: bronze green (RAL 6031)	R&S®HF907OM	4070.3279.04
Recommended extras		
Mast and tripod adapter	R&S®KM011Z8	4090.4006.02
Mast, length: 6 m	R&S®KM011	0273.9116.02
Wooden tripod	R&S®HZ-1	0837.2310.02