Направленная антенна AC008

Диапазон 1 - 18 ГГц/0.85 - 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®AC008 MICROWAVE DIRECTIONAL ANTENNA

1 GHz to 18 GHz/0.85 GHz to 26.5 GHz

Manually or automatically adjustable directional antenna for the detection of RF signals and for field strength measurements

The R&S®AC008 is a manually adjustable directional antenna for mobile applications.

When used with the R&S®RD016 antenna rotator and the R&S®GB016 control unit, the R&S®AC008 can also be automatically positioned in azimuth and elevation.

The reflector has a diameter of 0.9 m and – depending on the feed used – receives signals in the range from 1 GHz to 18 GHz or from 0.85 GHz to 26.5 GHz.

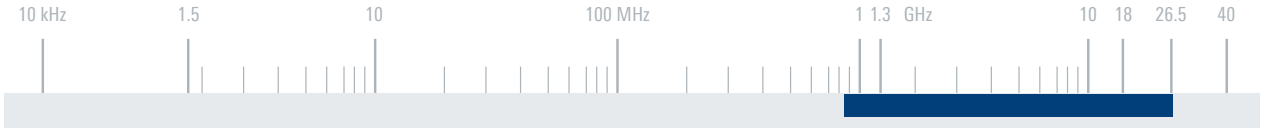
The R&S®AC008 is used for detecting radio signals and for field strength measurements. It can also be directed toward geostationary satellites.

The use of different feeds allows reception of any type of polarization. For transportation, the directional antenna (including the feed) can be collapsed to a handy size.

Key facts

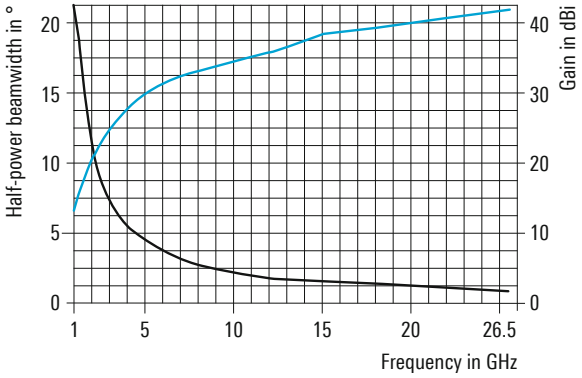
- Wide frequency range
- Reception of linear, dual-linear and circular polarization (depending on feed used)
- Collapsible for easy transport
- Use of active feeds to compensate cable loss possible

R&S®AC008 with R&S®RD016 antenna rotator and R&S®GB016 control unit.



Specifications		
Frequency range	models .02/.04	1 GHz to 18 GHz
	model .05	0.85 GHz to 26.5 GHz
Polarization with feed	model .02, R&S®HL024A1	dual-linear
	model .05, R&S®HL050	linear
	model .04, R&S®HL024S2	linear/circular
Input impedance		50 Ω
VSWR		depending on feed
Gain		15 dBi to 40 dBi (1 GHz to 18 GHz)
Half-power beamwidth		19° to 1.1° (1 GHz to 18 GHz)
Positioning range	azimuth	360°
	elevation	–6° to +44°
Connector		SMA female
MTBF		> 100000 h
Operating temperature range		–30 °C to +50 °C
Reflector diameter		approx. 0.9 m (35 in)
Weight		approx. 12 kg (27 lb)

Typical gain (blue) and half-power beamwidth (black) of R&S®AC008 with R&S®HL050 feed



R&S®AC008 with R&S®AC008-AZ high-resolution elevation adjustment upgrade kit.

Ordering information	Type	Order No.
Microwave directional antenna	**R&S®AC008**	
1 GHz to 18 GHz, dual-linear polarization		0671.5017.02
1 GHz to 18 GHz, linear/circular polarization		0671.5017.04
0.85 GHz to 26.5 GHz, linear polarization		0671.5017.05
Recommended extras		
Tripod	R&S®AC008-Z	0671.5117.02
Control unit	R&S®GB016	4056.7006.03
Control cable, length: 10 m	R&S®GB016Z1	4056.7270.02
Microwave cable, length: 5 m	R&S®AC008W2	0751.6931.04
Microwave cable, length: 10 m	R&S®AC008W2	0751.6931.05
Telescope	R&S®AC008F1	0751.6919.02
Antenna rotator	R&S®RD016	4077.9008.02
Control cable, between R&S®GB016 and R&S®RD016, length: 10 m	R&S®GK016K1	4077.9150.00
High-resolution elevation adjustment upgrade kit	R&S®AC008-AZ	4061.2173.00