

Car Antennas for Radio, Cellular and Telematics

Edition 1/2012



The information/details in this publication merely contain general descriptions or performance factors which, when applied in an actual situation, do not always correspond with the described form, and may be amended by way of the further development of products. The desired performance factors shall only be deemed binding if these are expressly agreed on conclusion of the contract.

Range overview

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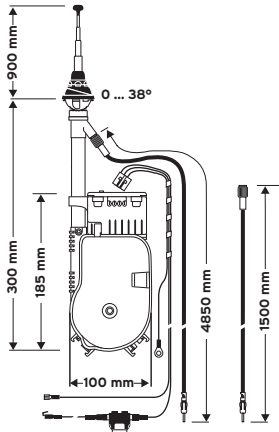
Cellular and Telematics antennas

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Automatic antennas
AUTA 6000 KE 1/11

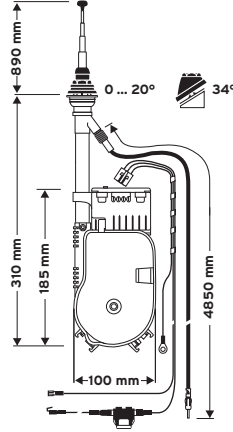
 Universal antenna
 (front or rear mounting)

 0 - 38° bodywork slope ¹⁾
Ord. code 921 514-003

 Replacement mast
 Ord. code 820 902-106 (code 06)

AUTA 6000 KE 14

 Universal antenna
 (rear mounting)

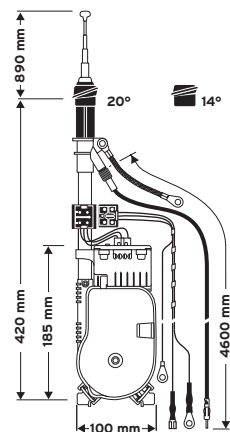
 0 - 20° and 34° bodywork slope ²⁾
Ord. code 921 386-001

 Replacement mast
 Ord. code 820 902-105 (code 05)

AUTA 6000 KE-F 467

 Special antenna
 (rear mounting)

MERCEDES BENZ: C 126, W 126

Ord. code 921 488-001

 Replacement mast
 Ord. code 820 902-103 (code 03)

¹⁾ for further antenna head parts see page 18

²⁾ for further antenna head parts see page 17

Automatic antennas

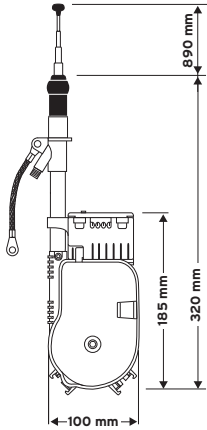
AUTA 6000 KE-F 10

Special antenna ¹⁾
(rear mounting)

BMW, MERCEDES BENZ, OPEL

Ord. code 921 504-002

Replacement mast
Ord. code 820 902-105 (code 05)



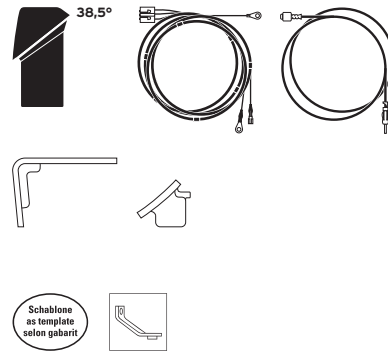
AUTA 74 FW 201/2

Mounting kit

MERCEDES BENZ: W 201 05.87 →

Ord. code 822 893-001

For basic model AUTA 6000 KE-F 10



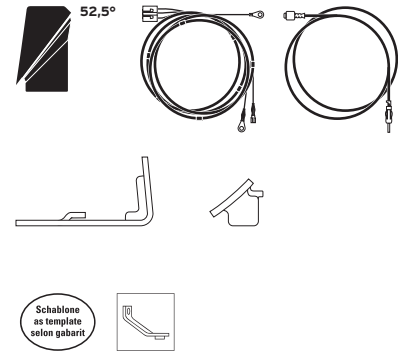
AUTA 74 FW 124/2

Mounting kit

MERCEDES BENZ: W 124
E-Class-Limousines 09.88 → 95

Ord. code 822 892-001

For basic model AUTA 6000 KE-F 10



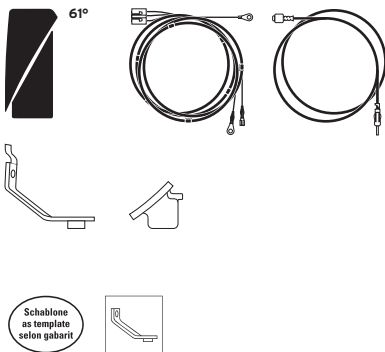
AUTA 74 FS 124

Mounting kit

MERCEDES BENZ: S 124
E-Class-T-Limousines → 03.96

Ord. code 822 895-001

For basic model AUTA 6000 KE-F 10



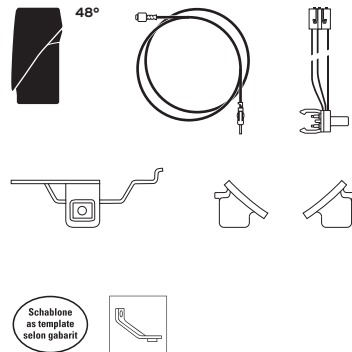
AUTA 74 FW 140

Mounting kit

MERCEDES BENZ: W 140 ²⁾
S-Class-Limousines

Ord. code 822 890-001

For basic model AUTA 6000 KE-F 10



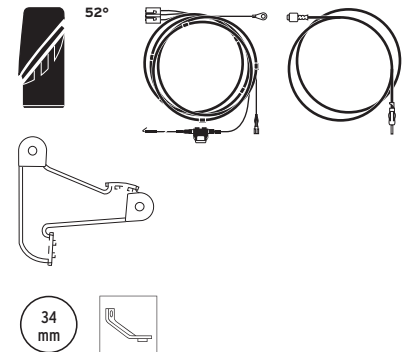
AUTA 77 F OSVA

Mounting kit

OPEL: Omega-, Vectra-, Astra-
Limousines, Senator B

Ord. code 822 927-001

For basic model AUTA 6000 KE-F 10



Automatic antennas

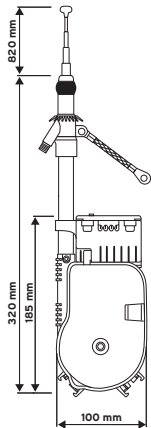
AUTA 6000 KE-F 474

Special antenna ¹⁾
(rear mounting)

MERCEDES BENZ: W 202

Ord. code 921 601-001

Replacement mast
Ord. code 823 112-111 (code 11)



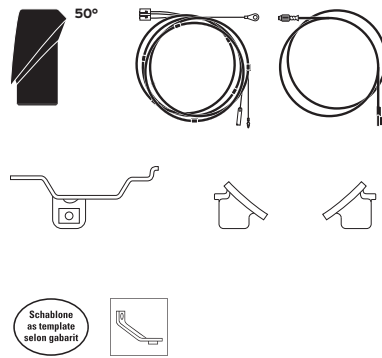
AUTA 74 FW 202

Mounting kit

MERCEDES BENZ: W 202
C-Class-Limousines

Ord. code 823 130-001

For basic model AUTA 6000 KE-F 474



¹⁾ in combination with mounting kit for specific car type

HIT Automatic antennas

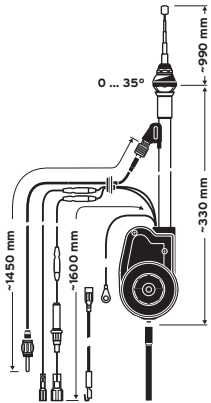
HIT AUTA 2040

Universal antenna
(front mounting)²⁾
Telescope stainless steel
0 - 35° bodywork slope¹⁾

Ord. code 921 738-001

Replacement mast
Ord. code 823 674-001

Discontinued

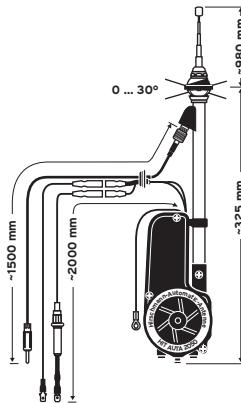


HIT AUTA 2050

Universal antenna
(front mounting)²⁾
Telescope stainless steel
0 - 30° bodywork slope¹⁾
available from 3 quarter 2012

Ord. code 602 433-001

Replacement mast
Ord. code 823 318-001



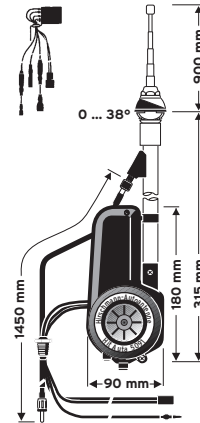
HIT AUTA 5091

Universal antenna
(front mounting)²⁾

0 - 38° bodywork slope¹⁾

Ord. code 921 008-001

Replacement mast
Ord. code 820 764-011

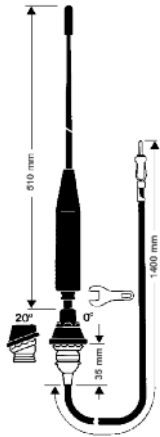


Roof mount and short-rod antennas
AUTA 51

Universal roof mount antenna

 Black glassfibre rod
 Trucks, buses, off-road cars

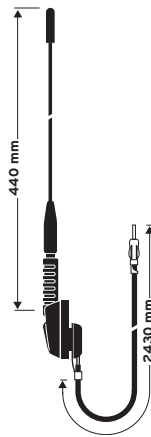
Ord. code 920 902-001

 Replacement rod
 Ord. code 821 352-001
 Thread: M6

AUTA 91 TOP

 Universal roof mount antenna ¹⁾

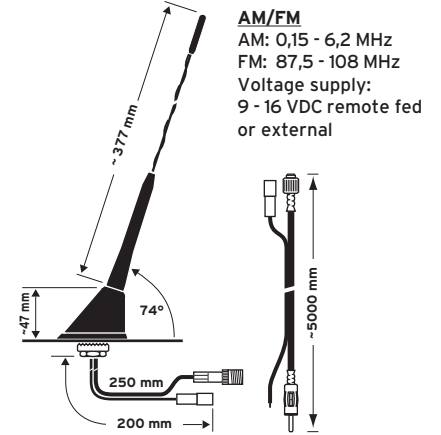
Black INOX rod

Ord. code 920 944-005

 Replacement rod
 Ord. code 821 511-003
 Bayonet coupling: Ø 6,5 mm

HIT AUTA 16 V FLEX

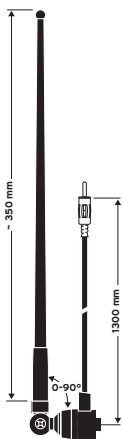
 Universal roof mount antenna
 Replacement model for ex-factory
 fitted antenna
 AM/FM amplifier
 Anti-noise-rod

Ord. code 921 768-001

 Replacement rod
 Ord. code 602 389-001
 Thread: M5

AM/FM
 AM: 0,15 - 6,2 MHz
 FM: 87,5 - 108 MHz
 Voltage supply:
 9 - 16 VDC remote fed
 or external

HIT AUTA 35 GA

Universal fender antenna

Ord. code 602 305-001

HIT AUTA 40 FI

Special roof mount antenna

FIAT, LANCIA, ALFA ROMEO

Ord. code 602 300-001

HIT AUTA 40 FO

Special roof mount antenna

FORD

Ord. code 602 301-001

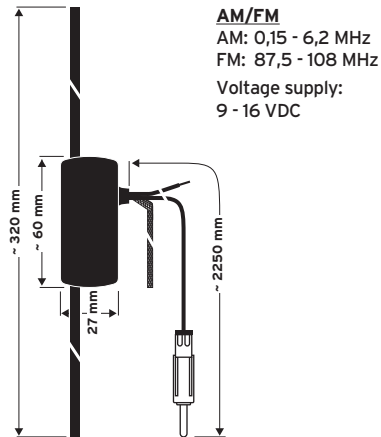
¹⁾ mounting from outside

Roof mount and short-rod antennas

HIT AUTA 60 EL

Universal window aerial

Ord. code 602 306-001

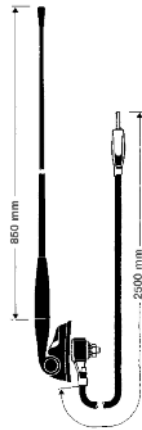


HIT AUTA 70 B

Universal roof mount antenna

Black glassfibre rod

Ord. code 602 364-001

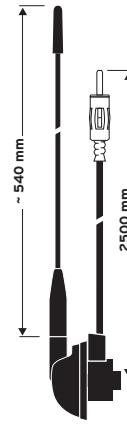


HIT AUTA 200

Universal roof mount antenna

Black INOX rod

Ord. code 602 330-001



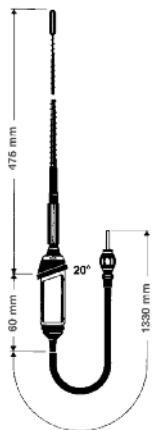
HIT AUTA 3000 FLEX

Universal short-rod antenna ²⁾

Black glassfibre rod

Ord. code 921 186-002

Replacement rod
 Ord. code 822 137-001
 Thread: M5

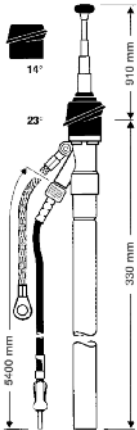


Retractable antennas
AUTA 4000 F 317 L

Special antenna (rear mounting)

 BMW: 3.. (E30) Lim./Cab. 11.82 → 90/10.92
 BMW: 5.. (E28) 06.81 → 87

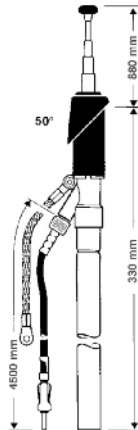
Ord. code 920 936-011

 Replacement antenna:
 AUTA 4091 LF, Ord. code 920 986-011

AUTA 4000 F 410 L

Special antenna (rear mounting)

MERCEDES BENZ: W 124 Lim. → 08.88

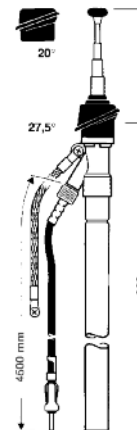
Ord. code 920 772-001

 Replacement antenna:
 AUTA 4091 LF, Ord. code 920 986-011

AUTA 4000 F 419 L

Special antenna (rear mounting)

 MERCEDES BENZ: W 201 Lim. → 04.87
 W 123 Lim.

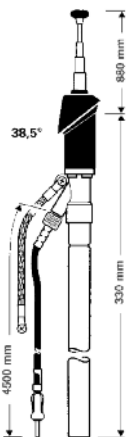
Ord. code 920 514-011

 Replacement antenna:
 AUTA 4091 LF, Ord. code 920 986-011

AUTA 4000 F 420 L

Special antenna (front mounting)

MERCEDES BENZ: W 201 05.87 →

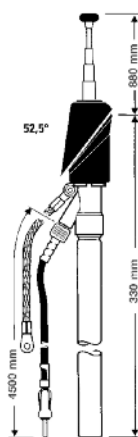
Ord. code 921 172-001

 Replacement antenna:
 AUTA 4091 LF, Ord. code 920 986-011

AUTA 4000 F 457 L

Special antenna (rear mounting)

MERCEDES BENZ: C 124 Coupés, W 124 Lim. 08.88 → 05.95

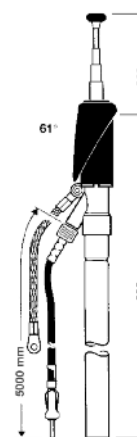
Ord. code 921 174-001

 Replacement antenna:
 AUTA 4091 LF, Ord. code 920 986-011

AUTA 4000 F 458 L

Special antenna (rear mounting)

MERCEDES BENZ: S 124 T-Lim. → 03.96

Ord. code 921 054-001

 Replacement antenna:
 AUTA 4091 LF, Ord. code 920 986-011


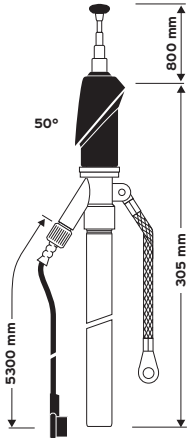
Retractable antennas

AUTA 4000 F 474 L

Special antenna (rear mounting)

MERCEDES BENZ: W 202 Lim.

Ord. code 921 608-001



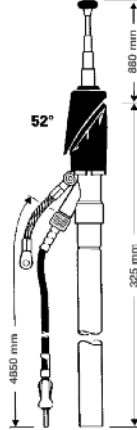
AUTA 4000 F 710 L

Special antenna (rear mounting)

OPEL: Omega, Senator 09.87 → Vectra Limousines

Ord. code 920 972-001

Replacement antenna:
AUTA 4091 LF, Ord. code 920 986-011



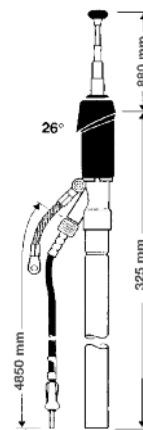
AUTA 4000 F 712 L

Special antenna (rear mounting)

OPEL: Astra Limousines

Ord. code 921 420-001

Replacement antenna:
AUTA 4091 LF, Ord. code 920 986-011

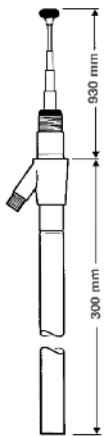


AUTA 4090 L

Replacement model

for models AUTA 4000 C ...

Ord. code 920 141-001

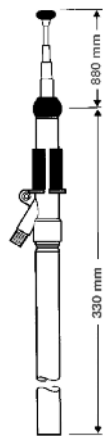


AUTA 4091 LF

Replacement model

for models AUTA 4000 F ...

Ord. code 920 986-011

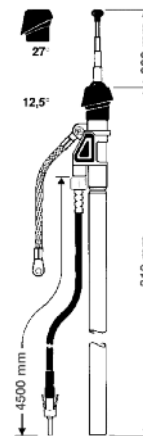


AUTA 3100 F 217

Special antenna (rear mounting)

AUDI: Limousinen:
80 08.78 →
A 4
100 09.76 → 11.90
200

Ord. code 921 210-002



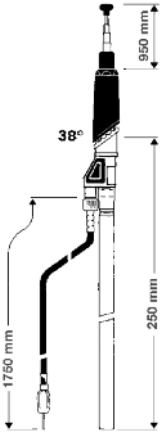
Retractable antennas
AUTA 3100 C 909

Special antenna (front mounting)

 VW: Bus/Transporter T4
09.90 →

Ord. code 921 400-002

Impedance 150 Ω

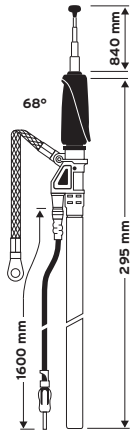

AUTA 3400 F 910

Special antenna (front mounting)

 VW: Golf III 08.91 →
Vento

Ord. code 921 418-001

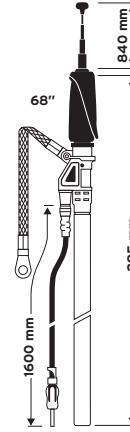
Impedance 150 Ω


AUTA 3400 FM 910

Special antenna (front mounting)

 VW: Golf III 08.91 →
Vento

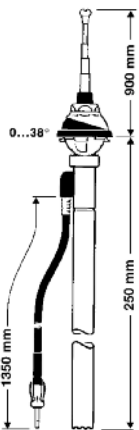
Ord. code 921 468-001

 Impedance 150 Ω
Mast black anodized

AUTA 2670 A

Universal antenna (front mounting)

0 - 38° bodywork slope

Ord. code 920 624-011

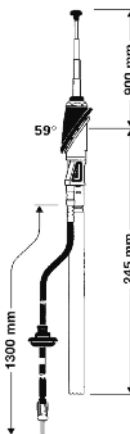
Discontinued

AUTA 2400 C 908

Special antenna (front mounting)

VW: Passat B 3 04.88 →

Ord. code 921 240-001

Impedance 150 Ω


AUTA 1480 A

Universal antenna (front mounting)

 VW: Beetle, Bus, Transp.
→ 08.90,
Passat 04.88 → 10.93
and other cars

Ord. code 923 450-022

Discontinued

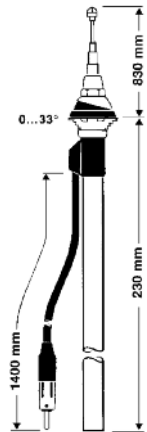

HIT-Retractable antennas

HIT AUTA 650 S

Universal antenna (front mounting)

0 - 33° bodywork slope

Ord. code 921 020-001

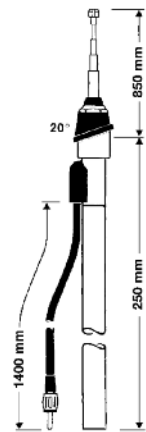


HIT AUTA 690 B

Universal antenna (front mounting)

20° bodywork slope

Ord. code 921 056-008



HIT AUTA 690 BW

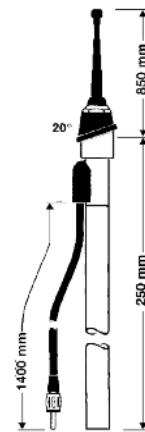
Universal antenna (front mounting)

20° bodywork slope

Ord. code 921 058-004

Telescope black anodized

Discontinued

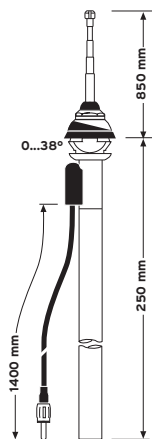


HIT AUTA 770 B

Universal antenna (front mounting)

0 - 38° bodywork slope

Ord. code 921 060-004



HIT AUTA 770 BW

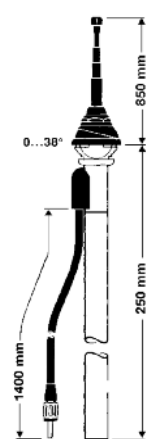
Universal antenna (front mounting)

0 - 38° bodywork slope

Ord. code 921 062-005

Telescope black anodized

Discontinued



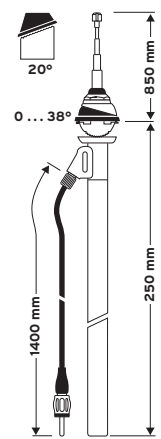
HIT AUTA 781

Universal antenna (front mounting)

20° bodywork slope
0 - 38° bodywork slope

Ord. code 921 739-001

HF-cable with screw connection



HIT-Retractable antennas

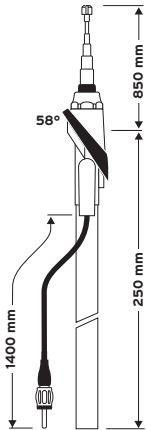
HIT AUTA 970 B

Universal antenna (front mounting)

58° bodywork slope

Ord. code 921 070-002

AUDI: Avant → 82; LANCIA: Delta → 92;
PEUGEOT: 104/204/304/404;
TOYOTA: Tercel, Celica Liftback;
VW: Beetle, Transporter/Bus → 08.90



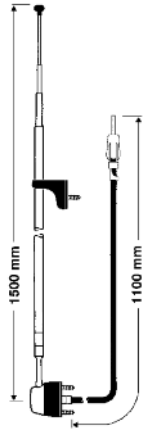
Pillar mount antennas / DAB antennas / DAB+ antennas / DVB-T antennas

AUTA 360 KA

Universal antenna

Limousines, caravans, off-road cars

Ord. code 922 948-041



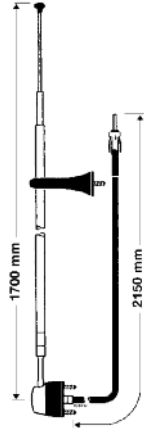
AUTA 360 KB

Universal antenna

MERCEDES BENZ: LP 709 ... 1113,
1013 ... 2632
MAN: 19.281 etc.

Ord. code 920 430-001

Replacement mast: Ord. code 821 061-011

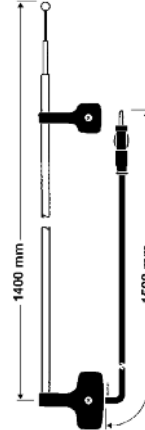


HIT AUTA 330

Universal antenna

Especially for Japanese cars

Ord. code 920 446-001



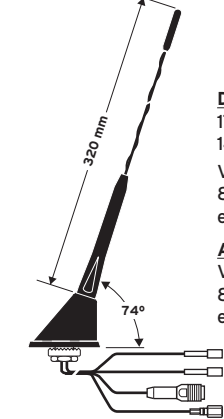
HIT AUTA 16 V DAB

Roof mount antenna for
AM/FM and digital broadcasting
(DAB/DAB+)

Amplifier for AM/FM and
DAB/DAB+ integrated in the
antenna base

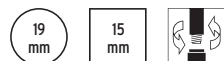
Ord. code 602 415-001

Replacement mast: Ord. code 602 421-001
Thread M5



DAB/DAB+
174 - 230 MHz
1452 - 1492 MHz
Voltage supply:
8 - 16 VDC remote fed or
external

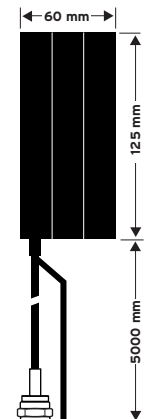
AM/FM
Voltage supply:
8 - 16 VDC remote fed or
external



AUTA 1 DVB-T

Interior On-glass antenna
for digital TV and DAB+

Ord. code 602 407-002



DAB+
174 - 230 MHz

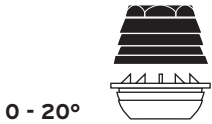
DVB-T
470 - 862 MHz
Voltage supply:
8 - 16 VDC external
5 V remote fed

Antenna heads for M 18 x 0,75
AUTA 4220

Universal antenna head

 AUTA 4000 C ..., AUTA 4090 L,
 AUTA 6000 EL ..., AUTA 6000 KE 14

Ord. code 822 649-002


AUTA 4102 SW

Special antenna head

 AUTA 4000 C ..., AUTA 4090 L,
 AUTA 6000 EL ..., AUTA 6000 KE 14

Ord. code 821 962-003


AUTA 4222 SW

Special antenna head

 AUTA 4000 C ..., AUTA 4090 L,
 AUTA 6000 EL ..., AUTA 6000 KE 14

Ord. code 821 964-003

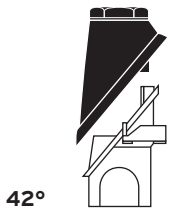

MCA 45 W 202

Special antenna head

AUTA 6000 KE 14

Ord. code 823 151-001

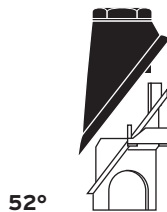
MERCEDES BENZ: W 202 C-Class-Lim.


MCA 45 ACW 124

Special antenna head

AUTA 6000 KE 14

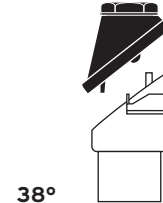
Ord. code 822 857-003

 MERCEDES BENZ: A 124 E-Class-Cabrios
 → 97
 C 124 E-Class-Coupés
 → 8.96
 W 124 E-Class-Lim.
 → 5.95
 V-Class
 Vito

MCA 45 W 210

Special antenna head

AUTA 6000 KE 14

Ord. code 823 288-001

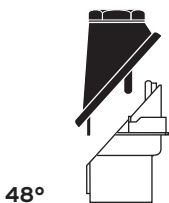
 MERCEDES BENZ: W 210 E-Class-Lim.
 → 06.96

MCA 45 W 140

Special antenna head

AUTA 6000 KE 14

Ord. code 822 689-001

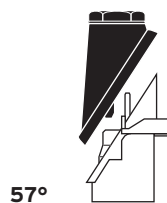
MERCEDES BENZ: W 140 S-Class-Lim.


MCA 45 R 129

Special antenna head

AUTA 6000 KE 14

Ord. code 822 440-003

 MERCEDES BENZ: R 129
 Roadster SL

MCA 45 OSV

Special antenna head

AUTA 6000 KE 14

Ord. code 822 294-001

 OPEL: Omega Limousines, Senator,
 Vectra Limousines

Discontinued

Antenna heads for M 12 x 0,75 and M 14 x 0,75

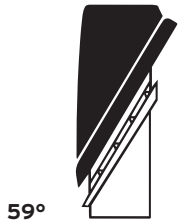
AUTA 8259

Special antenna head

AUTA 6000 KE 1/11
HIT AUTA 3000 FLEX,
HIT AUTA 5091, 5091 SW
HIT AUTA 2040, 2040 SW

Ord. code 822 578-001

VW: Passat 04.88 → 10.93
and other cars



Discontinued

AUTA 8268

Special antenna head

HIT AUTA 3000 FLEX,
HIT AUTA 5091, 5091 SW
HIT AUTA 2040, 2040 SW

Ord. code 823 080-002

VW: Golf III
Vento

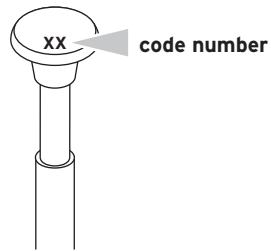


Discontinued

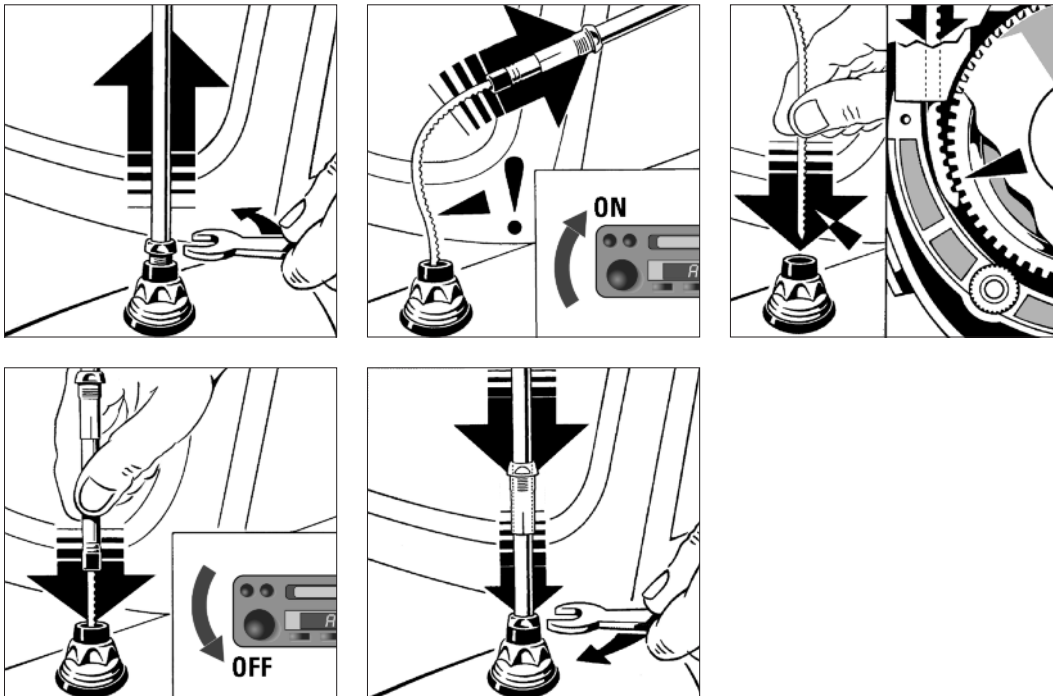
Replacement masts for Automatic antennas

The mast of Hirschmann automatic antennas can be replaced without removing the antenna.

In the case of the AUTA 6000 KE ... and AUTA 6000 EL ... series, the correct replacement model can easily be determined from the code number on the button at the top of the mast.



Installation of the replacement mast into the antennas AUTA 6000 KE ... and AUTA 6000 EL ...



Replacement masts for Automatic antennas

REPLACEMENT MAST for ...

AUTA 6000 KE-F 467
 AUTA 6000 EL ...
 -750, -752, -753
 -F 467, -F 468, -F 487

Ord. code 820 902-103

Chromium-plated brass / code 03



REPLACEMENT MAST for ...

AUTA 6000 KE 14
 AUTA 6000 KE...
 -F 10, -F 470, -F 471, -F 110, -F 111
 AUTA 6000 EL ...
 -4, -14, -300, -360, -362, -363, 364, -462,
 -466, -853, -854, -856, -863
 -F 110, -F 111, F 300, -F 360, -F 364, -F 365,
 -F 400, -F 458, -F 459, -F 460, -F 461, -F 489,
 -F 760

Ord. code 820 902-104

Chromium-plated brass / code 04



REPLACEMENT MAST for ...

AUTA 6000 KE 14
 AUTA 6000 KE...
 -F 10, -F 470, -F 471, -F 110, -F 111
 AUTA 6000 EL ...
 -4, -14, -300, -360, -362, -363, 364, -462,
 -466, -853, -854, -856, -863
 -F 110, -F 111, F 300, -F 360, -F 364, -F 365,
 -F 400, -F 458, -F 459, -F 460, -F 461, -F 489,
 -F 760

Ord. code 820 902-105

Telescope: Chromium-plated brass / code 05
 Telescope nut / button: black anodized



REPLACEMENT MAST for ...

AUTA 6000 KE 1/11
 AUTA 6000 KE 1
 AUTA 6000 KE 11
 AUTA 6000 KE-CE 14

Ord. code 820 902-106

Telescope: Chromium-plated brass / code 06
 Telescope nut / button: black anodized



REPLACEMENT MAST for ...

AUTA 6000 KE-F 474
 AUTA 6000 KE...
 -F 122, -F 168
 for Renault Megane Cabrio

Ord. code 823 112-111

Chromium-plated brass / code 11



REPLACEMENT MAST for ...

AUTA 6000 KE-F 412
 for MB VITO / V-Class

Ord. code 823 172-001

Chromium-plated brass / code 21



Replacement masts for Automatic antennas

REPLACEMENT MAST for ...

AUTA 6000 KE 411

AUTA 6000 KE-F 169

for MB model G / PEUGEOT

Ord. code 821 995-006

Stainless steel/code 55/66/77



Replacement masts for HIT Automatic antennas

The masts of Hirschmann
HIT Automatic antennas can be
replaced without removing the
antenna.

REPLACEMENT MAST for ...

HIT AUTA ...
-5060, -5061, -5080, -5081, -5090, -5091,
-5091 A 908, -5600, -5900

Ord. code 820 764-011

Chromium-plated stainless steel



REPLACEMENT MAST for ...

HIT AUTA ...
-5010, -5040

Ord. code 820 764-101

Chromium-plated stainless steel



REPLACEMENT MAST for ...

HIT AUTA ...
-5091 SW, -5900 SW, -5060, -5061, -5080,
-5081, -5090, -5091, -5600, -5900,
-5091 A 908

Ord. code 821 362-011

Black anodized stainless steel



Discontinued

REPLACEMENT MAST for ...

HIT AUTA 5091 A 910

Ord. code 822 965-001

Chromium-plated stainless steel



REPLACEMENT MAST for ...

HIT AUTA 2030 HIT AUTA 2030 SW
HIT AUTA 2050

Ord. code
823 318-001

Chromium-plated
stainless steel



HIT AUTA 2030 SW

823 318-002

Black anodized
stainless steel



Discontinued

REPLACEMENT MAST for ...

HIT AUTA 2040 HIT AUTA 2040 SW

Ord. code
823 674-001

Chromium-plated
stainless steel



823 674-002

Black anodized
stainless steel



Discontinued

Adapter cables
AUKAB 41/15

Adapter cable

VW

Ord. code 821 976-001

Cable length: 150 mm


AUKAB 42/16

Adapter cable

VW

Ord. code 822 015-001

Cable length: 160 mm


AUKAB 43/15

Adapter cable

OPEL

Ord. code 822 155-003

Cable length: 150 mm


AUKAB 44/16

Adapter cable

OPEL

Ord. code 822 185-001

Cable length: 160 mm


AUKAB 435/17

Adapter cable

Ord. code 825 870-001

Cable length: 170 mm


AUKAB 150/12,5

Adapter cable

Ord. code 825 943-016

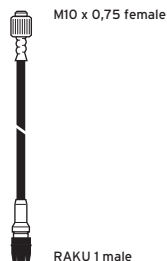
Cable length: 125 mm


AUKAB 918 VW

Adapter cable

 For HIT AUTA 16 V FLEX
 MCA 918 V FLEX
 GPS 918 V FLEX
 for VW-cars

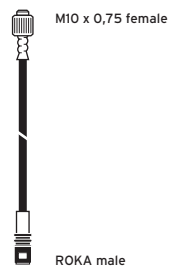
Ord. code 823 391-001

 Cable length: 150 mm
 Screw connection

AUKAB 918 AUDI

Adapter cable

 For HIT AUTA 16 V FLEX
 MCA 918 V FLEX
 GPS 918 V FLEX
 for AUDI-cars

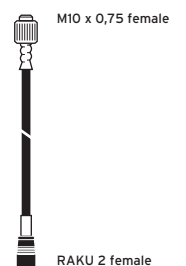
Ord. code 823 392-001

 Cable length: 500 mm
 Screw connection

AUKAB 918 RAST 2

Adapter cable

 For HIT AUTA 16 V FLEX
 MCA 918 V FLEX
 GPS 918 V FLEX
 for VW Passat 10.96 →

Ord. code 823 556-001

 Cable length: 500 mm
 Screw connection


Adapter cables / Connecting cables

ADAPTER WIRING

at exchange
AUTA 6000 EL → AUTA 6000 KE

Ord. code 822 837-002

Cable length: 185 mm
BMW and OPEL models

Discontinued

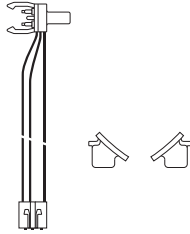


ADAPTER WIRING

at exchange
AUTA 6000 EL → AUTA 6000 KE

Ord. code 822 838-002

Cable length: 130 mm
MERCEDES BENZ models

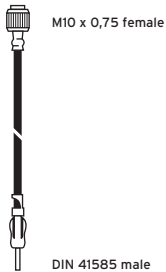


AUKAB 445/150

Connecting cable

Ord. code 825 986-012

Cable length: 1500 mm
Screw connection



AUKAB 485/485

Connecting cable

Ord. code 825 720-017

Cable length: 4850 mm
Screw connection



HIT AUKAB 440/50

Extension cable

Ord. code 823 671-001

Cable length: 500 mm



HIT AUKAB 440/100

Extension cable

Ord. code 823 671-002

Cable length: 1000 mm

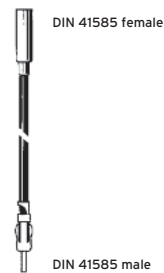


HIT AUKAB 440/200

Extension cable

Ord. code 823 671-003

Cable length: 2000 mm



Connecting cables
HIT AUKAB 440/300

Extension cable

Ord. code 823 671-004

Cable length: 3000 mm


HIT AUKAB 440/400

Extension cable

Ord. code 823 671-005

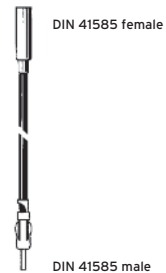
Cable length: 4000 mm


HIT AUKAB 440/550

Extension cable

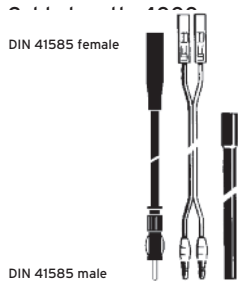
Ord. code 823 671-006

Cable length: 5500 mm


HIT AUKAB 420

Extension cable

 For HIT AUTA 5091 and
 HIT AUTA 5091 SW
 HIT AUTA 2040/2040 SW
 HIT AUTA 2050

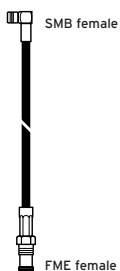
Ord. code 820 640-001

VK 58 SMBfw/FMEf 500

Extension cable

 For AUTA 16 V DAB
 HIT AUTA 16 V DAB

Ord. code 602 361-001

Cable length: 5000 mm



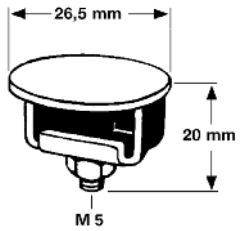
Accessories

AUTA 10

Aperture cover

For bodywork apertures
Ø 18 - 24 mm

Ord. code 922 731-000

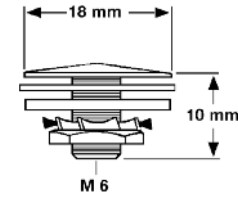


AUTA 30

Aperture cover

For bodywork apertures
Ø 12 - 16 mm

Ord. code 923 957-000



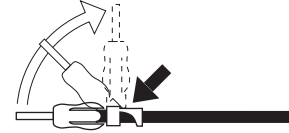
KAST 80

Cable plug

For cables with Ø 5 mm

Ord. code 823 912-002

DIN 41585



KK 65

Cable coupling

Ord. code 822 199-001

DIN 41585



AUTA 135

Car antenna cleaning tissue

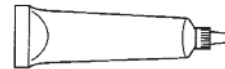
Ord. code 820 511-001



AUTA 235

Car antenna grease

Ord. code 602 001-000



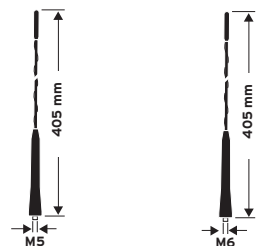
FLEX Replacement Rod universal

Replacement rod FLEX universal
for roof mount antennas
16 V FLEX-AM/FM

with thread M5
Ord. code
602 389-001

with thread M6
Ord. code
602 400-001

Discontinued



SHORT ROD AM/FM

For roof mount antennas
16 V FLEX-AM/FM

with thread M5
Ord. code
821 599-001

with thread M6
Ord. code
821 609-001



REPLACEMENT ROD

For HIT AUTA 16 V DAB

with thread M5
Ord. code 602 421-001



GPS antennas

GPS MULTI M

Combined Roof mount antenna, magnetic

Ord. code 921 713-032

GPS

Gain³⁾: 5 dBic typ.

Amplification: 27 dB

Voltage supply: 3 - 5 VDC remote fed

Radio services

Frequency range:
68-86 MHz/144-176 MHz/
380-470 MHz/410-430 MHz/
450-470 MHz/880-960 MHz/
1710-1880 MHz



GPS MULTI S

Combined Roof mount antenna, screwable

Ord. code 921 712-032

GPS

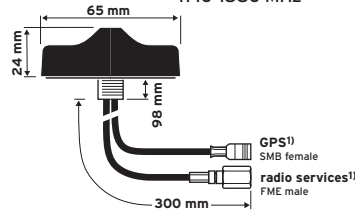
Gain³⁾: 5 dBic typ.

Amplification: 27 dB

Voltage supply: 3 - 5 VDC remote fed

Radio services

Frequency range:
68-86 MHz/144-176 MHz/
380-470 MHz/410-430 MHz/
450-470 MHz/880-960 MHz/
1710-1880 MHz



GPS MULTI S/FME/6.0

Combined Roof mount antenna screwable

Ord. code 921 712-036

GPS

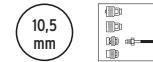
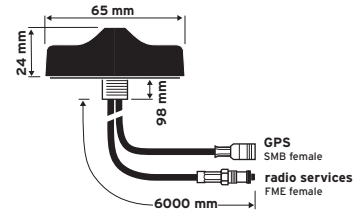
Gain³⁾: 5 dBic typ.

Amplification: 27 dB

Voltage supply: 3 - 5 VDC remote fed

Radio services

Frequency range:
68-86 MHz/144-176 MHz/
380-470 MHz/410-430 MHz/
450-470 MHz/880-960 MHz/
1710-1880 MHz



Rod Universal

tuneable within the frequency range of 68-470 MHz

Ord. code 823 688-001

Thread: M5

Gain⁴⁾: 0 dB typ.

Frequency range:

4 m-Band
68 - 86 MHz

2 m-Band
144-176 MHz

70 cm-Band
410 - 470 MHz

- Trunk radio
- TETRA
- ISM 433



Rod GSM-/Dual band

GSM 900, GSM 1800

Ord. code 602 359-001

Thread: M5

Gain⁴⁾: 0 dB typ.

Frequency range:

GSM 900
880 - 960 MHz

GSM 1800
1710-1880 MHz



Rod ORBCOMM

ORBCOMM

Ord. code 602 411-001

Thread: M5

Gain⁴⁾: 0 dB typ.

Frequency range:

ORBCOMM
137 - 151 MHz



¹⁾ Cables with different end connectors see p. 42
⁴⁾ ref. to a quarterwave antenna, centre roof

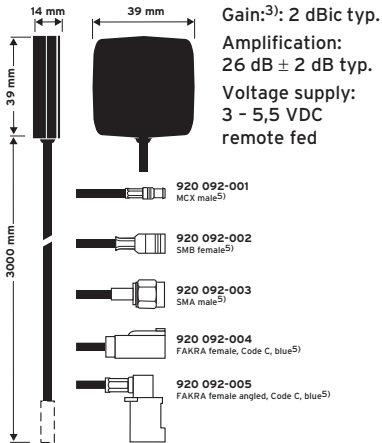
³⁾ ref. to an isotropic radiator, circular polarization

GPS antennas

GPS 7 M

Roof mount antenna,
magnetic

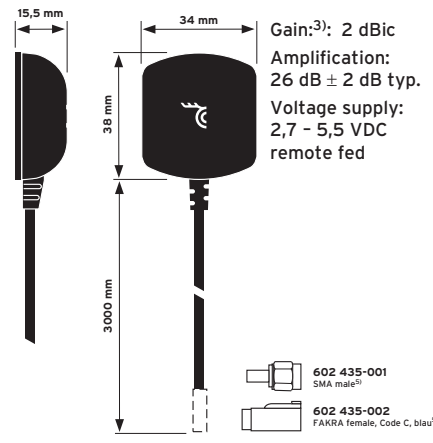
Ord. code 920 092-...



GPS 9 M/...

Roof mount antenna,
magnetic

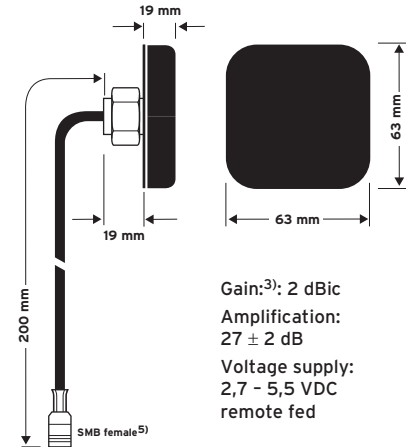
Bestell-Nr. 602 435-...



GPS 11 S

Roof mount antenna,
screwable

Ord. code 602 432-001

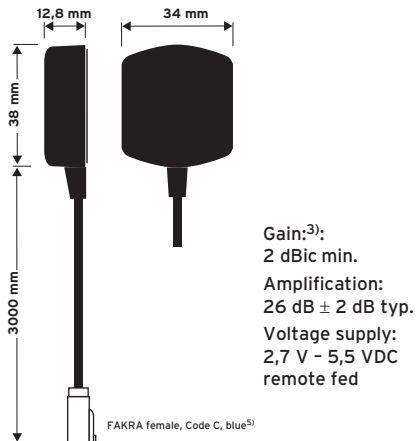


15 mm

GPS 10 P

Adhesive mount antenna

Ord. code 602 431-002

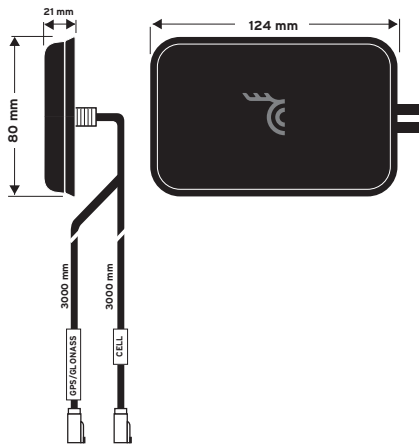


GLONASS antennas

GLONASS 1890 LP/S/FAKRA 3.0

Combined Low Profile antenna
screwable

Ord. code 602 434-001



GPS/GLONASS **CELLULAR**
FAKRA female, Code C⁵⁾ FAKRA female, Code D⁵⁾

15
mm

GLONASS/GPS

Gain³⁾: 4,5 dBic

Amplification: 20 ±2 dB

Voltage supply: 3 - 5,5 VDC
remote fed

CELLULAR

GSM 850: 824-894 MHz

GSM 900: 880 -960 MHz

GSM 1800:1710-1880 MHz

GSM 1900:1850-1990 MHz

UMTS: 1920-2170 MHz

Gain²⁾: 0 dBi

Amplification: 10 W max.

²⁾ ref. to an isotropic radiator

⁵⁾ Different end connectors on request

³⁾ ref. to an isotropic radiator, circular polarization

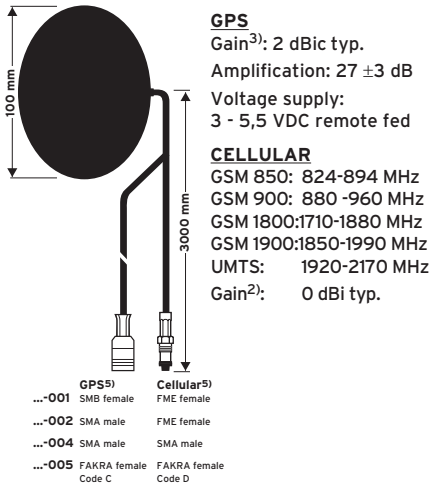
GPS / CELLULAR antennas

GPS 1890 LP/P/...

Combined Antenna,
adhesive or magnetic pad

Ord. code 920 061-...

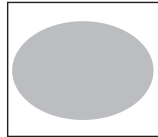
Magnetic pad Ord. code 821 049-001



MAGNET PAD

Magnetic adhesive pad
For GPS 1890 LP/P/...

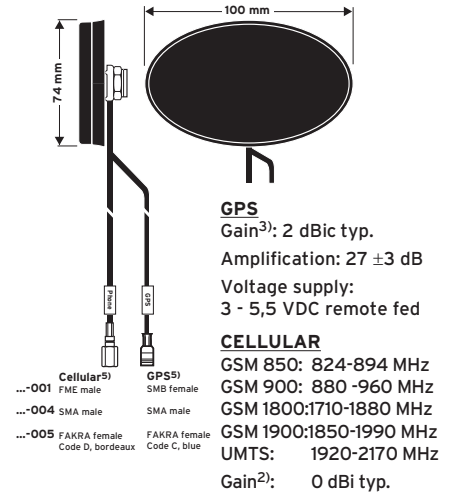
Ord. code 821 049-001



GPS 1890 LP/S/...

Combined Antenna,
screwable

Ord. code 920 062-...

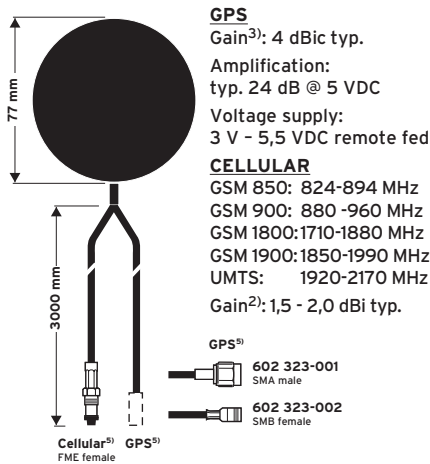


GPS / CELLULAR antennas

GPS 1890 PA/...

Combined Interior On-glass antenna
(front window)

Ord. code 602 323-...

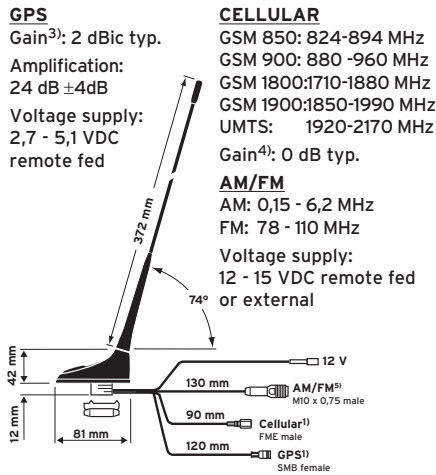


GPS 918 V FLEX

Combined Roof mount antenna
screwable

Ord. code 602 366-001

Replacement rod Ord. code 823 869-001
Thread: M5

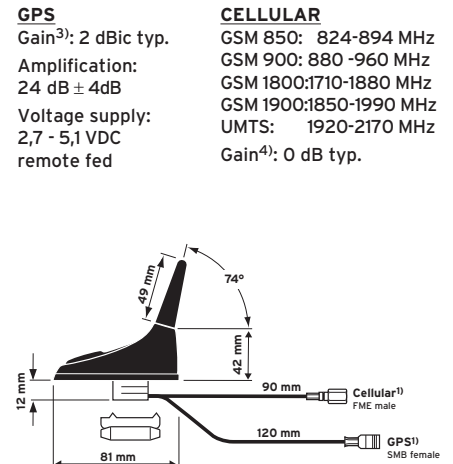


GPS 916 V FLEX

Combined Roof mount antenna
screwable

Ord. code 602 365-001

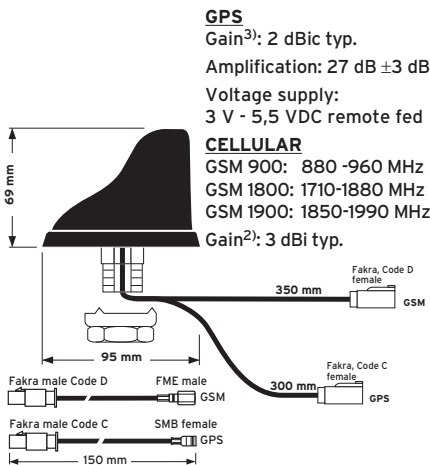
Replacement rod Ord. code 602 347-001
Thread: M5



GPS 925

Combined Roof mount antenna
screwable

Ord. code 920 014-003



¹⁾ Cables with different end connectors see p. 42...

²⁾ ref. to an isotropic radiator

⁵⁾ Different end connectors on request

³⁾ ref. to an isotropic radiator,
circular polarization

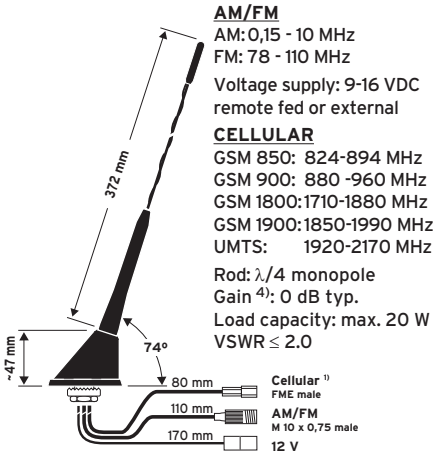
CELLULAR antennas

MCA 918 V FLEX

Combined Roof mount antenna
(rear mounting)

Ord. code 921 767-003

Replacement rod Ord. code 823 869-001
Thread: M5

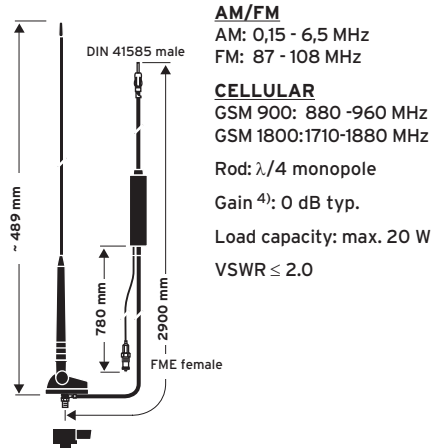


MCA 1890 KOMBI

Combined Roof mount antenna
(front mounting)
especially for French, Italian cars
and FORD

Ord. code 602 319-001

Replacement rod Ord. code 602 320-001
Thread: M5

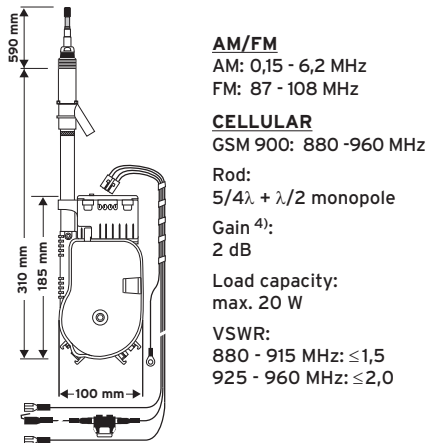


MCA 4690

Combined Automatic antenna

Ord. code 921 626-001

Without duplexer (AP 9012/11)
and antenna head parts ²⁾
Replacement mast Ord. code 822 638-011

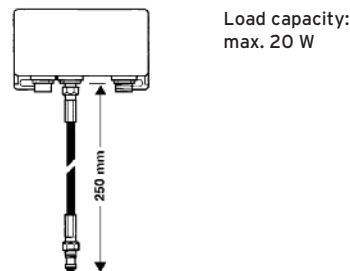


AP 9012/11

Antenna duplexer
(900 MHz + radio)

For MCA 4690

Ord. code 822 587-001



REPLACEMENT MAST for ...

For MCA 4590 and MCA 4690

Ord. code 822 638-011



¹⁾ Cables with different end connectors see p. 42...
³⁾ if antenna head AUTA 4220 is used, see p. 40

²⁾ Antenna head parts see p. 40
⁴⁾ ref. to a quarterwave antenna, centre roof

CELLULAR antennas

MCA 18 90 80

Roof mount antenna

Ord. code 921 746-003

Replacement rod Ord. code 723 931-003
Thread: M5

CELLULAR

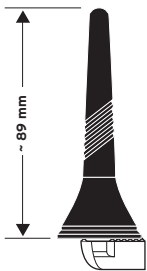
GSM 850: 824-894 MHz
GSM 900: 880 -960 MHz
GSM 1800:1710-1880 MHz
GSM 1900:1850-1990 MHz
UMTS: 1920-2170 MHz

Rod: $\lambda/4$ monopole

Gain ⁴⁾: 0 dB typ.

Load capacity: max. 30 W

VSWR \leq 2.0



MCA 18 91 80

Roof mount antenna

Ord. code 921 747-003

Replacement rod Ord. code 723 935-003
Thread: M5

CELLULAR

GSM 900: 880 -960 MHz
GSM 1800:1710-1880 MHz
UMTS: 1920-2170 MHz

Rod:
 $\lambda/4 + \lambda/2$ (900 MHz)
 $\lambda/4$ (1800 MHz)
monopole

Gain ⁴⁾:
4 dB typ. (900 MHz)
0 dB typ. (1800 MHz/UMTS)

Load capacity: max. 30 W

VSWR \leq 2.0



MCA 1890 OG

On-glass antenna

Discontinued

Ord. code 921 813-004

Replacement rod Ord. code 723 931-003
Thread: M5

3dB mast available
as accessory
(Ord. code:
723 935-003)

CELLULAR

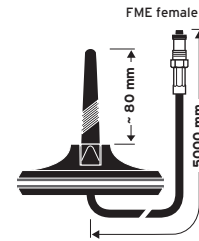
GSM 850: 824-894 MHz
GSM 900: 880 -960 MHz
GSM 1800:1710-1880 MHz
GSM 1900:1850-1990 MHz
UMTS: 1920-2170 MHz

Rod:
 $\lambda/4 + \lambda/2$ (900 MHz)
 $\lambda/4$ (1800 MHz)
monopole

Gain ⁴⁾:
0 dB typ. (900 MHz)
0 dB typ. (1800 MHz)

Load capacity: max. 30 W

VSWR \leq 2.0



MCA 1890 SLIM

Interior On-glass antenna

Ord. code. 602 311-002

Mounting set Ord. code 602 316-001

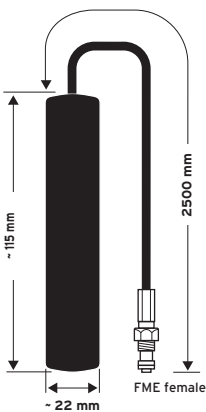
CELLULAR

GSM 850: 824-894 MHz
GSM 900: 880 -960 MHz
GSM 1800:1710-1880 MHz
GSM 1900:1850-1990 MHz
UMTS: 1920-2170 MHz

Gain ²⁾: 2,1 dBi typ.

Load capacity: max. 8 W

VSWR \leq 2.0



MCA 1890 MP

Interior On-glass antenna

Ord. code 602 317-002

Mounting set Ord. code 602 318-001

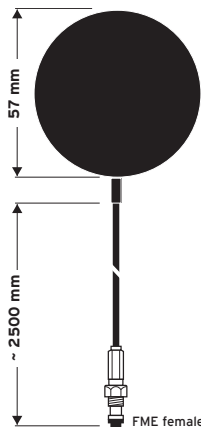
CELLULAR

GSM 850: 824-894 MHz
GSM 900: 880 -960 MHz
GSM 1800:1710-1880 MHz
GSM 1900:1850-1990 MHz
UMTS: 1920-2170 MHz

Gain ²⁾: 2,1 dBi typ.

Load capacity: max. 8 W

VSWR \leq 2.0



MCA 1890 STRIPE

Interior On-glass antenna

Ord. code 602 335-002

Mounting set Ord. code 602 362-001

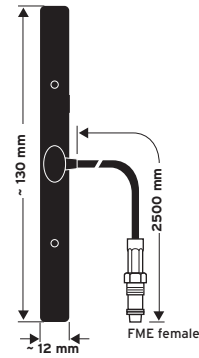
CELLULAR

GSM 850: 824-894 MHz
GSM 900: 880 -960 MHz
GSM 1800:1710-1880 MHz
GSM 1900:1850-1990 MHz
UMTS: 1920-2170 MHz

Gain ²⁾: 2,1 dBi typ.

Load capacity: max. 10 W

VSWR \leq 2.0



1) Cables with different end connectors see p. 42... 2) ref. to an isotropic radiator

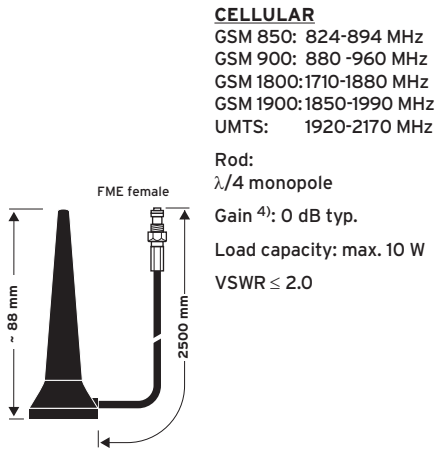
4) ref. to a quarterwave antenna, centre roof

CELLULAR antennas

MCA 1890 MH

Magnetic mount antenna

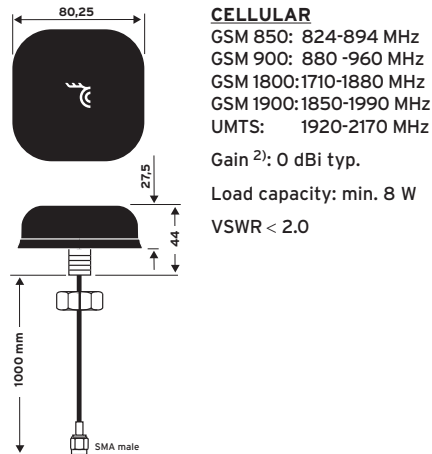
Ord. code 921 797-001



MCA 1890 S

Low Profile antenna
screwable

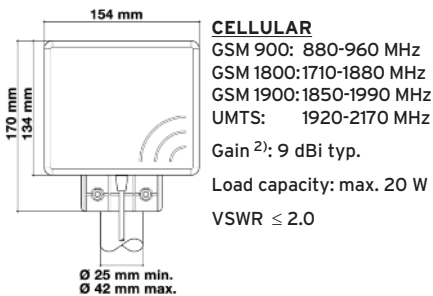
Ord. code 920 315-001



MCA 2190 BASE

Outdoor antenna
for fix mast and wall mount

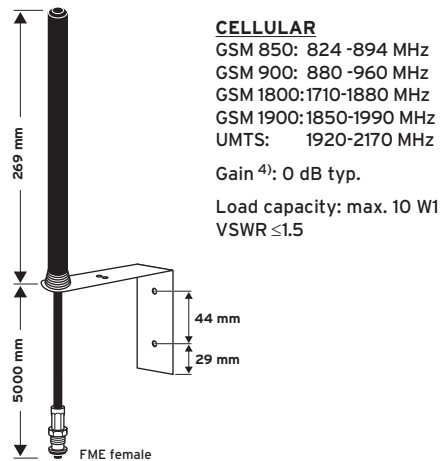
Ord. code 602 383-001



MCA 1890 STAT

Outdoor antenna
for fix wall mount

Ord. code 602 341-001



CELLULAR antennas
MCA 1890 SF
Bumper antenna

- Easy mounting
- After market installation
- No vandalism
- Maintenance free
- Practical
- Invisible
- Low H.F. radiation inside
- 5 years guarantee

Ord. code 921 762-001

 Gain ⁴⁾:
 0 dB typ.

 Load capacity:
 max. 30 W

CELLULAR

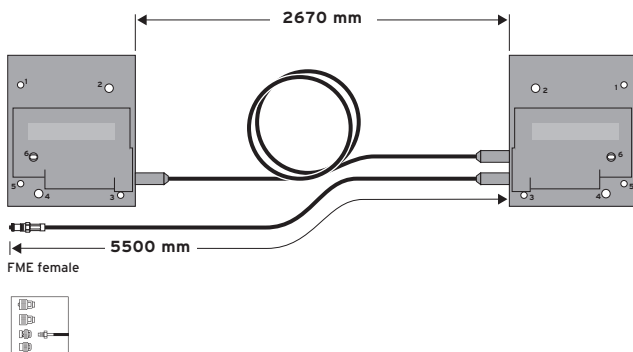
GSM 850: 824-894 MHz

GSM 900: 880 -960 MHz

GSM 1800:1710-1880 MHz

GSM 1900:1850-1990 MHz

VSWR ≤ 2.0



⁴⁾ ref. to a quarterwave antenna, centre roof

WLAN / BLUETOOTH antennas

GPS 2400 CELLULAR

Combined Roof mount antenna screwable

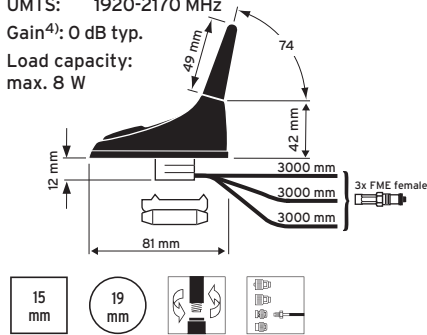
Ord. code 602 392-001

Replacement rod Ord. code 602 347-001
Thread M5

GPS
Gain³⁾: 2 dBi typ.
Amplification: 24 dB ±4 dB
Voltage supply: 2,7 - 5,1 VDC
remote fed

WLAN
2400 - 2484 MHz
Gain⁴⁾: 0 dB typ
Load capacity:
max. 1 W
VSWR ≤ 1.8

CELLULAR
GSM 850: 824-894 MHz
GSM 900: 880 -960 MHz
GSM 1800:1710-1880 MHz
GSM 1900:1850-1990 MHz
UMTS: 1920-2170 MHz
Gain⁴⁾: 0 dB typ.
Load capacity:
max. 8 W



GPS 2400 LP/CELLULAR

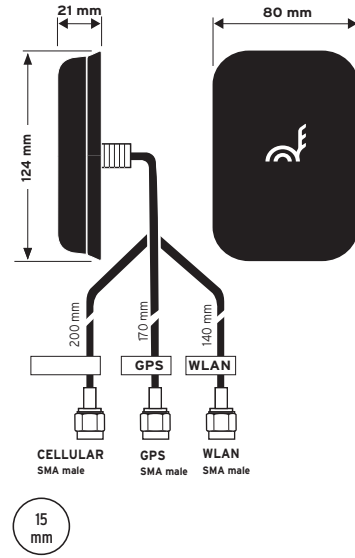
Combined Low Profile antenna screwable

Ord. code 920 171-001

GPS
Gain³⁾: 2 dBi min.
Amplification: 26 dB ±2 dB
Voltage supply: 2,7 - 5,5 VDC
remote fed

CELLULAR
GSM 850: 824-894 MHz
GSM 900: 880 -960 MHz
GSM 1800:1710-1880 MHz
UMTS: 1920-2170 MHz
Gain²⁾: 0 dBi
Load capacity:
max. 10 W

WLAN
2400 - 2484 MHz
Gain²⁾: 0 dBi
Load capacity:
max. 1 W
VSWR ≤ 1.8



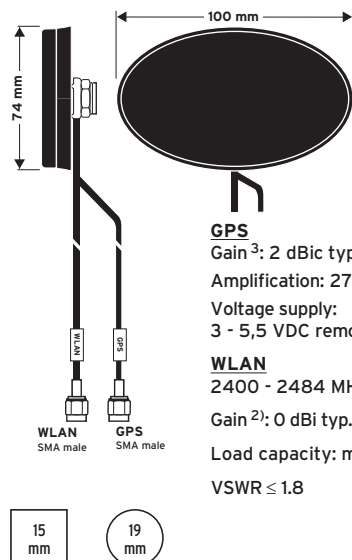
GPS 2400 LP/S/SMA/0.15

Combined Low Profile antenna screwable

Ord. code 920 171-001

GPS
Gain³⁾: 2 dBi typ.
Amplification: 27 ±3 dB
Voltage supply:
3 - 5,5 VDC remote fed

WLAN
2400 - 2484 MHz
Gain²⁾: 0 dBi typ.
Load capacity: max. 1 W
VSWR ≤ 1.8

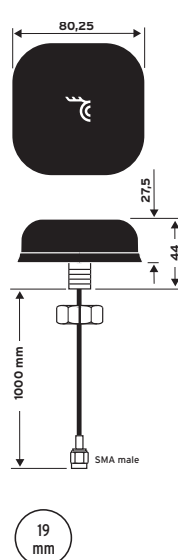


MCA 2458 S

Low Profile-Antenne screwable

Ord. code 920 315-002

WLAN
2400 - 2484 GHz
5150 - 5925 GHz
Gain²⁾: >3 dBi typ.
Load capacity: max. 8 W
VSWR ≤ 1.5

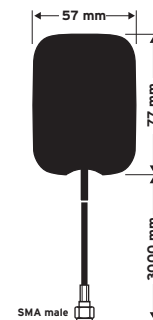


MCA 2400 PA/SMA/3.0

Interior On-glass antenna

Ord. code 602 399-001

WLAN
2300 - 2500 MHz
Gain²⁾: 2,1 dBi typ.
Load capacity: max. 1 W
VSWR ≤ 2.0



²⁾ ref. to an isotropic radiator

³⁾ ref. to an isotropic radiator, circular polarization

⁴⁾ ref. to a quarterwave antenna, centre roof

WLAN / BLUETOOTH antennas

MCA 2400 RF

Outdoor antenna

Ord. code 602 398-001

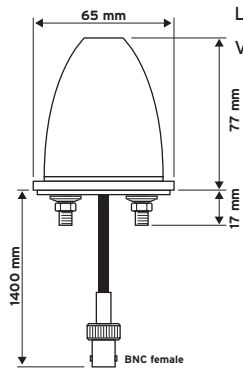
WLAN

2400 - 2484 MHz

Gain²⁾: 2,15 dBi typ.

Load capacity: max. 1 W

VSWR \leq 1.8



²⁾ ref. to an isotropic radiator

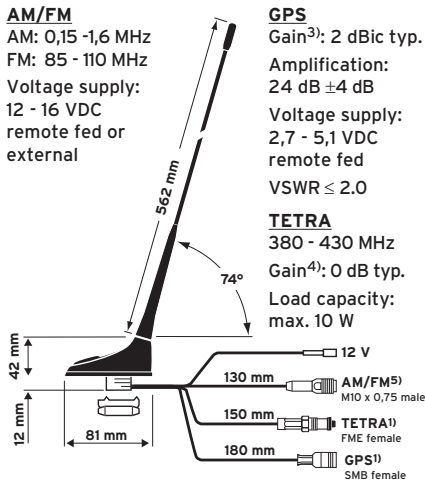
TETRA antennas

GPS 416 V FLEX

Combined Roof mount antenna
screwable
tuneable rod

Ord. code 602 413-001

Replacement rod Ord. code 602 428-001
Thread M5

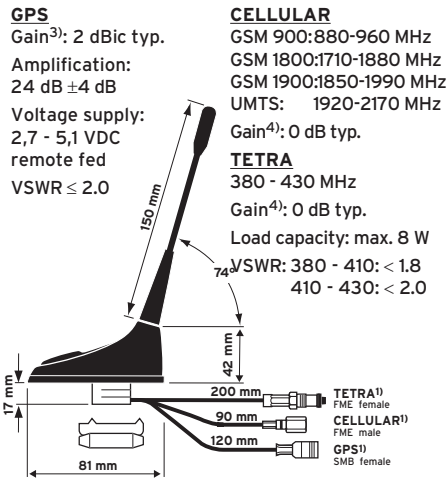


GPS 940 V FLEX

Combined Roof mount antenna
screwable

Ord. code 602 396-001

Replacement rod Ord. code 602 429-001
Thread M5

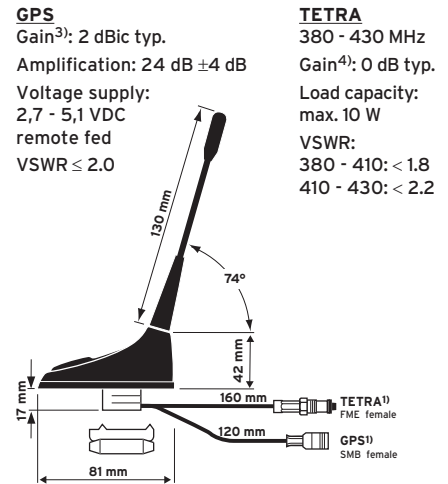


GPS 400 V FLEX

Combined Roof mount antenna
screwable

Ord. code 602 395-001

Replacement rod Ord. code 602 427-001
Thread M5

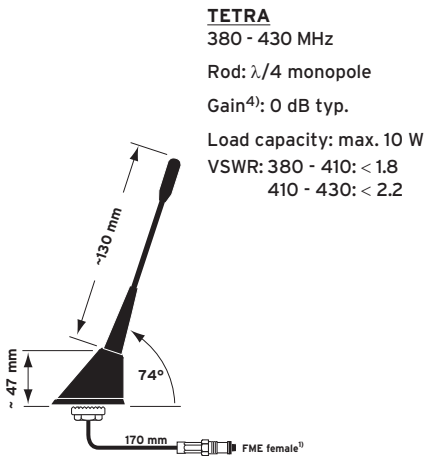


MCA 400 V FLEX

Roof mount antenna

Ord. code 602 397-001

Replacement rod Ord. code 602 427-001
Thread M5

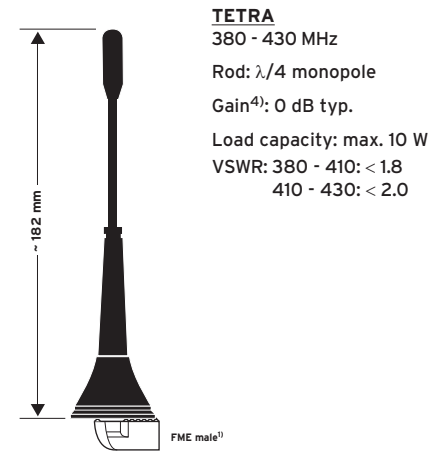


MCA 4080 FLEX

Roof mount antenna

Ord. code 602 394-001

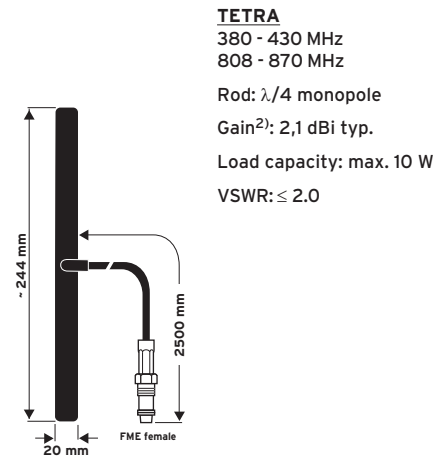
Thread M5



MCA 480 FLEX

Interior On-glass antenna

Ord. code 920 013-001



ORBCOMM antennas / IRIDIUM antennas

GPS 918 VHF CELLULAR

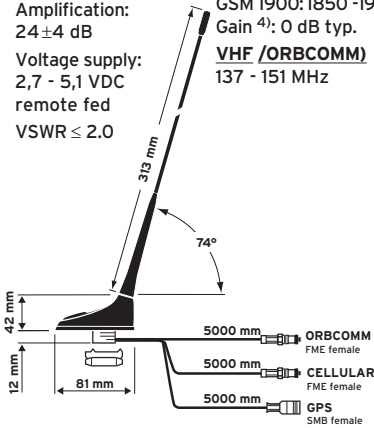
Combined Roof mount antenna screwable

Ord. code 602 391-001
Thread M5

GPS
Gain³⁾: 2 dBic typ.
Amplification: 24±4 dB
Voltage supply: 2,7 - 5,1 VDC remote fed
VSWR ≤ 2.0

CELLULAR
GSM 850: 824-894 MHz
GSM 1900: 1850 -1990 MHz
Gain⁴⁾: 0 dB typ.

VHF (ORBCOMM)
137 - 151 MHz



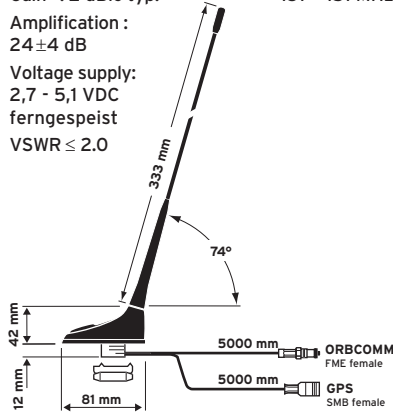
GPS 916 VHF

Combined Roof mount antenna screwable

Ord. code 602 402-001
Thread M5

GPS
Gain³⁾: 2 dBic typ.
Amplification : 24±4 dB
Voltage supply: 2,7 - 5,1 VDC ferngespeist
VSWR ≤ 2.0

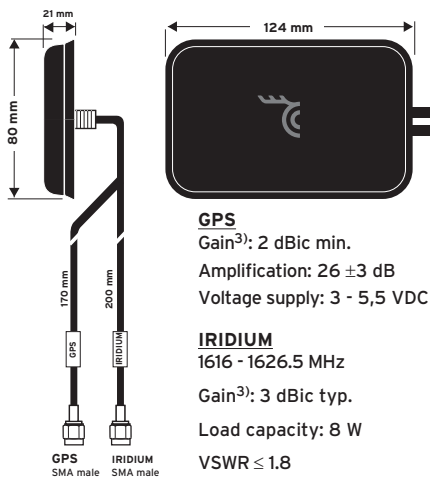
VHF (ORBCOMM)
137 - 151 MHz



GPS 1620 LP/S/SMA/SMA/0.2

Combined Low Profile antenna screwable

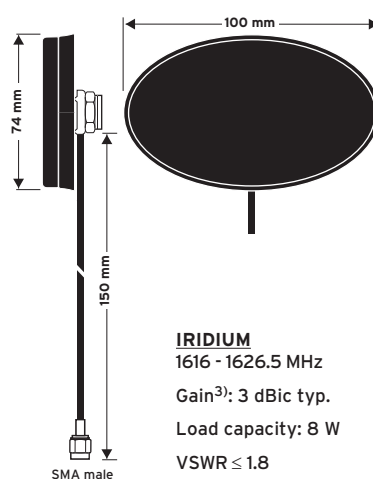
Ord. code 602 423-001



MCA 1620 LP/S

Roof mount antenna screwable

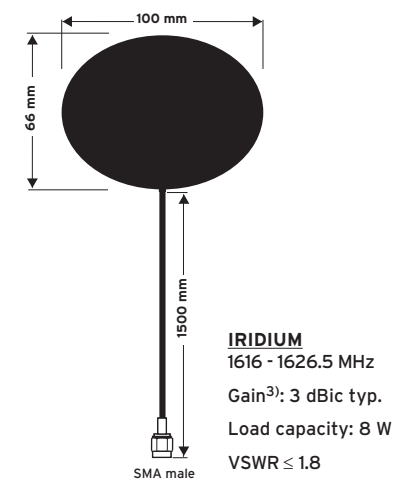
Ord. code 920 142-001



MCA 1620 LP/M

Magnetic mount antenna

Ord. code 920 143-001



³⁾ ref. to an isotropic radiator, circular polarization

⁴⁾ ref. to a quarterwave antenna, centre roof

Antenna heads for M 18 x 0,75

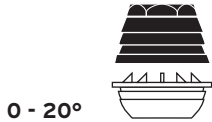
AUTA 4220

Universal antenna head

For MCA ...

4570, 4571, 4590, 4670, 4690, 4 01 70,
2 01 70, 2 41 70, 7 40 99, 7 41 98,
9 15 41, 9 17 41

Ord. code 822 649-002



AUTA 4102 SW

Special antenna head

For MCA ...

4570, 4571, 4590, 4670, 4690, 4 01 70,
2 01 70, 2 41 70, 7 40 99, 7 41 98,
9 15 41, 9 17 41

Ord. code 821 962-003



AUTA 4222 SW

Special antenna head

For MCA ...

4570, 4571, 4590, 4670, 4690, 4 01 70,
2 01 70, 2 41 70, 7 40 99, 7 41 98,
9 15 41, 9 17 41

Ord. code 821 964-003



MCA 45 W 202

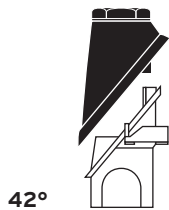
Special antenna head

For MCA ...

4570, 4571, 4590, 4670, 4690, 4 01 70,
2 01 70, 2 41 70, 7 40 99, 7 41 98,
9 15 41, 9 17 41

Ord. code 823 151-001

MERCEDES BENZ: W 202 C-Class-Lim.



MCA 45 ACW 124

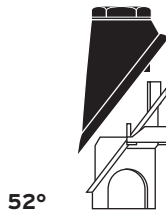
Special antenna head

For MCA ...

4570, 4571, 4590, 4670, 4690, 4 01 70,
2 01 70, 2 41 70, 7 40 99, 7 41 98,
9 15 41, 9 17 41

Ord. code 822 857-003

MERCEDES BENZ: A 124 E-Class-Cabrios
→ 97
C 124 E-Class-Coupés
→ 8.96
W 124 E-Class-Lim.
→ 5.95
V-Class
Vito



MCA 45 W 210

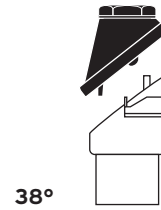
Special antenna head

For MCA ...

4570, 4571, 4590, 4670, 4690, 4 01 70,
2 01 70, 2 41 70, 7 40 99, 7 41 98,
9 15 41, 9 17 41

Ord. code 823 288-001

MERCEDES BENZ: W 210 E-Class-Lim.
→ 06.96



MCA 45 W 140

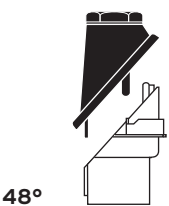
Special antenna head

For MCA ...

4570, 4571, 4590, 4670, 4690, 4 01 70,
2 01 70, 2 41 70, 7 40 99, 7 41 98,
9 15 41, 9 17 41

Ord. code 822 689-001

MERCEDES BENZ: W 140 S-Class-Lim.



MCA 45 R 129

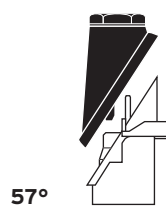
Special antenna head

For MCA ...

4570, 4571, 4590, 4670, 4690, 4 01 70,
2 01 70, 2 41 70, 7 40 99, 7 41 98,
9 15 41, 9 17 41

Ord. code 822 440-003

MERCEDES BENZ: R 129
Roadster SL



MCA 45 OSV

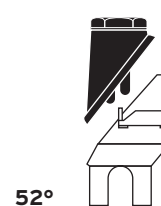
Special antenna head

For MCA ...

4570, 4571, 4590, 4670, 4690, 4 01 70,
2 01 70, 2 41 70, 7 40 99, 7 41 98,
9 15 41, 9 17 41

Ord. code 822 294-001

OPEL: Omega Limousines, Senator,
Vectra Limousines



Discontinued

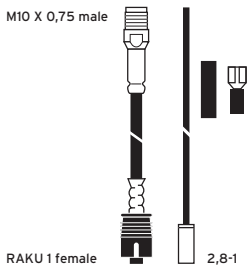
Adapter cables
AUKAB 916

Adapter cable

 For MCA 916 V FLEX, 416 V FLEX
for VW- and OPEL-cars

Ord. code 822 985-001

Cable length: 100 mm

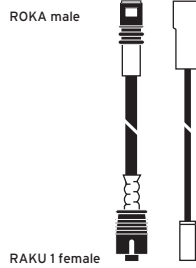

AUKAB 917

Adapter cable

 For MCA 916 V FLEX, 416 V FLEX
for AUDI-cars

Ord. code 823 266-002

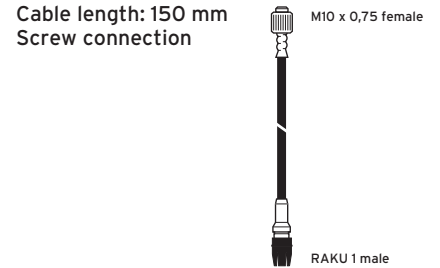
Cable length: 100 mm


AUKAB 918 VW

Adapter cable

 For HIT AUTA 16 V FLEX
MCA 918 V FLEX
GPS 918 V FLEX
for VW-cars

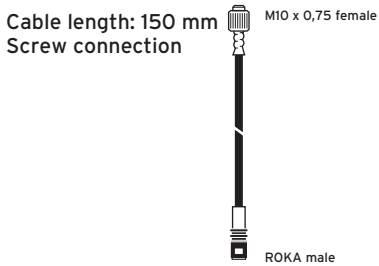
Ord. code 823 391-001

 Cable length: 150 mm
Screw connection

AUKAB 918 AUDI

Adapter cable

 For HIT AUTA 16 V FLEX
MCA 918 V FLEX
GPS 918 V FLEX
for AUDI-cars

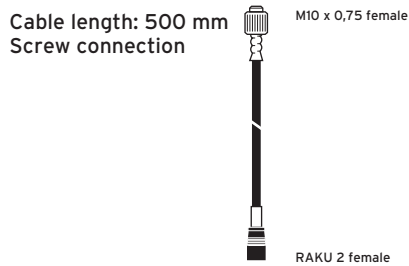
Ord. code 823 392-001

 Cable length: 150 mm
Screw connection

AUKAB 918 RAST 2

Adapter cable

 For HIT AUTA 16 V FLEX/
MCA 918 V FLEX
GPS 918 V FLEX
for VW Passat 10.96 →

Ord. code 823 556-001

 Cable length: 500 mm
Screw connection


Connecting cables

VK-SB SUPER-LOW-LOSS ...

Single retail pack



Type	Length	Single packing	Ord. code
VK-SB SUPER-LOW-LOSS 100	1000 mm	1 Piece	823 122-014
VK-SB SUPER-LOW-LOSS 200	2000 mm	1 Piece	823 122-015
VK-SB SUPER-LOW-LOSS 300	3000 mm	1 Piece	823 122-016
VK-SB SUPER-LOW-LOSS 400	4000 mm	1 Piece	823 122-017
VK-SB SUPER-LOW-LOSS 500	5000 mm	1 Piece	823 122-018

VK SUPER-LOW-LOSS ...

Bulk workshop pack



Type	Length	Pack qty.	Ord. code
VK SUPER-LOW-LOSS 500	5000 mm	10 Pieces	823 122-023



VK SUPER-LOW-LOSS FMEf/SMAm 500	5000 mm	1 Piece	602 340-001
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VK SUPER-LOW-LOSS FMEf/FAKRAf Z 150	1500 mm	1 Piece	602 406-002
VK SUPER-LOW-LOSS FMEf/FAKRAf Z 500	5000 mm	1 Piece	602 406-001




VK SUPER-LOW-LOSS FMEm/FMEf 500	5000 mm	1 Piece	602 405-001
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Connecting cables GPS
VK 174 SMBm/SMAm...

	Type	Length	Pack qty.	Ord. code
	VK 174 SMBm/SMAm 300	3000 mm	1 Piece	823 684-003
	VK 174 SMBm/SMAm 500	5000 mm	1 Piece	823 684-005

VK 174 SMBm/SMBf...

	Type	Length	Pack qty.	Ord. code
	VK 174 SMBm/SMBf 300	3000 mm	1 Piece	823 641-003
	VK 174 SMBm/SMBf 500	5000 mm	1 Piece	823 641-005


VK 174 SMBm/GT5f...

	Type	Length	Pack qty.	Ord. code
	VK 174 SMBm/GT5f 300	3000 mm	1 Piece	823 808-003
	VK 174 SMBm/GT5f 500	5000 mm	1 Piece	823 808-005


VK 174 SMBm/WICLICm...

	Type	Length	Pack qty.	Ord. code
	VK 174 SMBm/WICLICm 500	5000 mm	1 Piece	824 501-005


VK 174 SMBm/MCXm ...

	Type	Length	Pack qty.	Ord. code
	VK 174 SMBm/MCXm 200	2000 mm	1 Piece Discontinued	823 915-002
	VK 174 SMBm/MCXm 500	5000 mm	1 Piece	823 915-005

VK 174 SMBm/FMEf ...

	Type	Length	Pack qty.	Ord. code
	VK 174 SMBm/FMEf 300	3000 mm	1 Piece	823 685-003
	VK 174 SMBm/FMEf 500	5000 mm	1 Piece	823 685-005

VK 174 SMBm/FAKRAf Z...

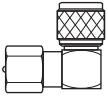
	Type	Length	Pack qty.	Ord. code
	VK 174 SMBm/FAKRAf Z 300	3000 mm	1 Piece	602 404-003
	VK 174 SMBm/FAKRAf Z 500	5000 mm	1 Piece	602 404-005

Adapters FME

KVS/MINI UHFm WINKEL

Mini adapter plug,
rectangular
FME male - MINI UHF male

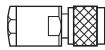
Ord. code 602 375-001



KVS/MINI UHFm

Mini adapter plug
FME male - MINI UHF male

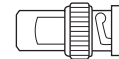
Ord. code 602 373-001



KVS/BNCm

Adapter plug
FME male - BNC male

Ord. code 822 277-002



KVS/MCXm

Adapter plug
FME male - MCX male

Ord. code 602 378-001



KVS/MMCXm

Adapter plug
FME male - MMCX male

Ord. code 602 379-001



KVS/SMAm

Adapter plug
FME male - SMA male

Ord. code 602 376-001



KVS/SMBf

Adapter plug
FME male - SMB female

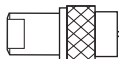
Ord. code 602 377-001



KVS/TNCm

Adapter plug
FME male - TNC male

Ord. code 602 374-001



KVB

FME cable plug
FME female

Ord. code 602 370-001



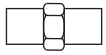
Adapters FME

KVK

Cable connector

FME male - FME male

Ord. code 602 371-001



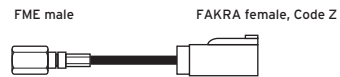
AK 174 FME_m/FAKRA_f Z

Adapter cable

RG 174

Ord. code 602 403-001

Cable length: 150 mm



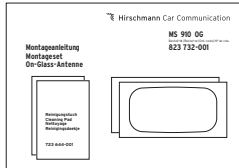
Accessories

MS 910 OG

Mounting set

For MCA 900 OG and MCA 901 OG
and MCA 1890 OG, 1891 OG

Ord. code 823 732-001

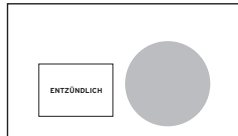


MS 1890 MP

Mounting set

For MCA 1890 MP

Ord. code 602 318-001

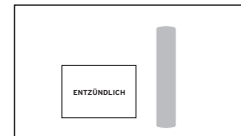


MS 1890 SLIM

Mounting set

For MCA 1890 SLIM

Ord. code 602 316-001

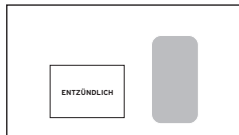


MS 18 90 SQ

Mounting set

For MCA 1890 SQ

Ord. code 602 309-001

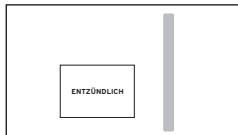


MS 1890 STRIPE

Mounting set

For MCA 1890 STRIPE

Ord. code 602 362-001

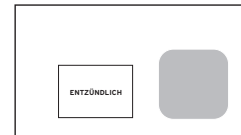


MS 7 P

Refix kit

For GPS 7 M

Ord. code
602 422-001

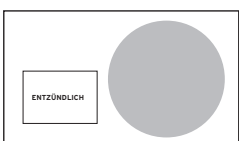


MS 1890 PA

Mounting set

For GPS 1890 PA

Ord. code 602 324-001

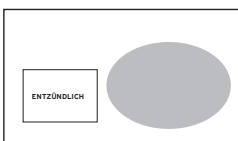


MS 1890 LP

Mounting set

For GPS 1890 LP/P/...

Ord. code 602 408-001



MAGNET PAD

Magnetic adhesive pad

For GPS 1890 LP/P/...

Ord. code 821 049-001

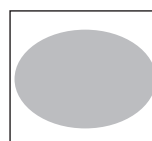


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REPLACEMENT MAST	For MCA 4590 and MCA 4690	822 638-011	32
REPLACEMENT ROD	For HIT AUTA 16 V DAB , thread M5, 320 mm	602 421-001	26
Rod Universal	Rod for GPS MULTI-serie, tuneable, 68 - 470 MHz	823 688-001	27
Rod ORBCOMM	Rod for GPS MULTI-serie, tuneable, 137 - 151 MHz	602 411-001	27
Rod GSM-/Dual band	Rod for GPS MULTI-serie, GSM 900, GSM 1800	602 359-001	27

S

SHORT ROD AM/FM	With thread M5, for 16 V FLEX Roof mount antennas, 170 mm	821 599-001	26
SHORT ROD AM/FM	with thread M6, for 16 V FLEX Roof mount antennas, 170 mm	821 609-001	26

V

VK 58 SMBfw/FMEf 500	Extension cable for AUTA 16 V DAB and Hit AUTA 16 V DAB, l = 5000 mm	602 361-001	25
VK 174 SMBm/FAKRAF Z 300	GPS-Extension cable, l = 3000 mm	602 404-003	43
VK 174 SMBm/FAKRAF Z 500	GPS-Extension cable, l = 5000 mm	602 404-005	43
VK 174 SMBm/FMEf 300	GPS-Extension cable, l = 3000 mm	823 685-003	43
VK 174 SMBm/FMEf 500	GPS-Extension cable, l = 5000 mm	823 685-005	43
VK 174 SMBm/GT5f 300	GPS-Extension cable, l = 3000 mm	823 808-003	43
VK 174 SMBm/GT5f 500	GPS-Extension cable, l = 5000 mm	823 808-005	43
VK 174 SMBm/MCXm 200	GPS-Extension cable, l = 2000 mm	823 915-002	43
VK 174 SMBm/MCXm 500	GPS-Extension cable, l = 5000 mm	823 915-005	43
VK 174 SMBm/SMAm 300	GPS-Extension cable, l = 3000 mm	823 684-003	43
VK 174 SMBm/SMAm 500	GPS-Extension cable, l = 5000 mm	823 684-005	43
VK 174 SMBm/SMBf 300	GPS-Extension cable, l = 3000 mm	823 641-003	43
VK 174 SMBm/SMBf 500	GPS-Extension cable, l = 5000 mm	823 641-005	43
VK 174 SMBm/WICLICm 500	GPS-Extension cable, l = 5000 mm	824 501-005	43
VK-SB SUPER-LOW-LOSS 100	Connecting cable, single retail pack, l = 1000 mm	823 122-014	42
VK-SB SUPER-LOW-LOSS 200	Connecting cable, single retail pack, l = 2000 mm	823 122-015	42
VK-SB SUPER-LOW-LOSS 300	Connecting cable, single retail pack, l = 3000 mm	823 122-016	42
VK-SB SUPER-LOW-LOSS 400	Connecting cable, single retail pack, l = 4000 mm	823 122-017	42
VK-SB SUPER-LOW-LOSS 500	Connecting cable, single retail pack, l = 5000 mm	823 122-018	42
VK SUPER-LOW-LOSS 500	Connecting cable, bulk workshop pack 10 pieces, l = 5000 mm	823 122-023	42
VK SUPER-LOW-LOSS FMEf/SMAm 500	Connecting cable, single retail pack, l = 5000 mm	602 340-001	42
VK SUPER-LOW-LOSS FMEf/FAKRAF Z 150	Connecting cable, single retail pack, l = 1500 mm	602 406-002	42
VK SUPER-LOW-LOSS FMEf/FAKRAF Z 500	Connecting cable, single retail pack, l = 5000 mm	602 406-001	42
VK SUPER-LOW-LOSS FMEf/FAKRAF Z 500	Connecting cable, single retail pack, l = 5000 mm	602 405-001	42
VK SUPER-LOW-LOSS FMEf/FMEf 500	Connecting cable, single retail pack, l = 5000 mm	602 405-001	42

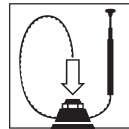
Overview of pictographs



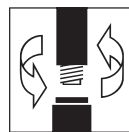
Mast Chromium-plated brass,
corrosion-resistant



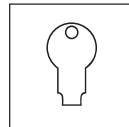
Stainless steel mast, corrosion-resistant



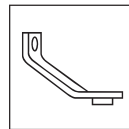
Mast replacement possible
without removing the aerial



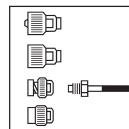
Removeable mast



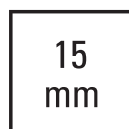
The mast can be completely retracted
and extended again with the supplied
key



Vehicle-specific bracket included
in scope of deliver



"FME" connection technique



Drill hole



Drill hole as template



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