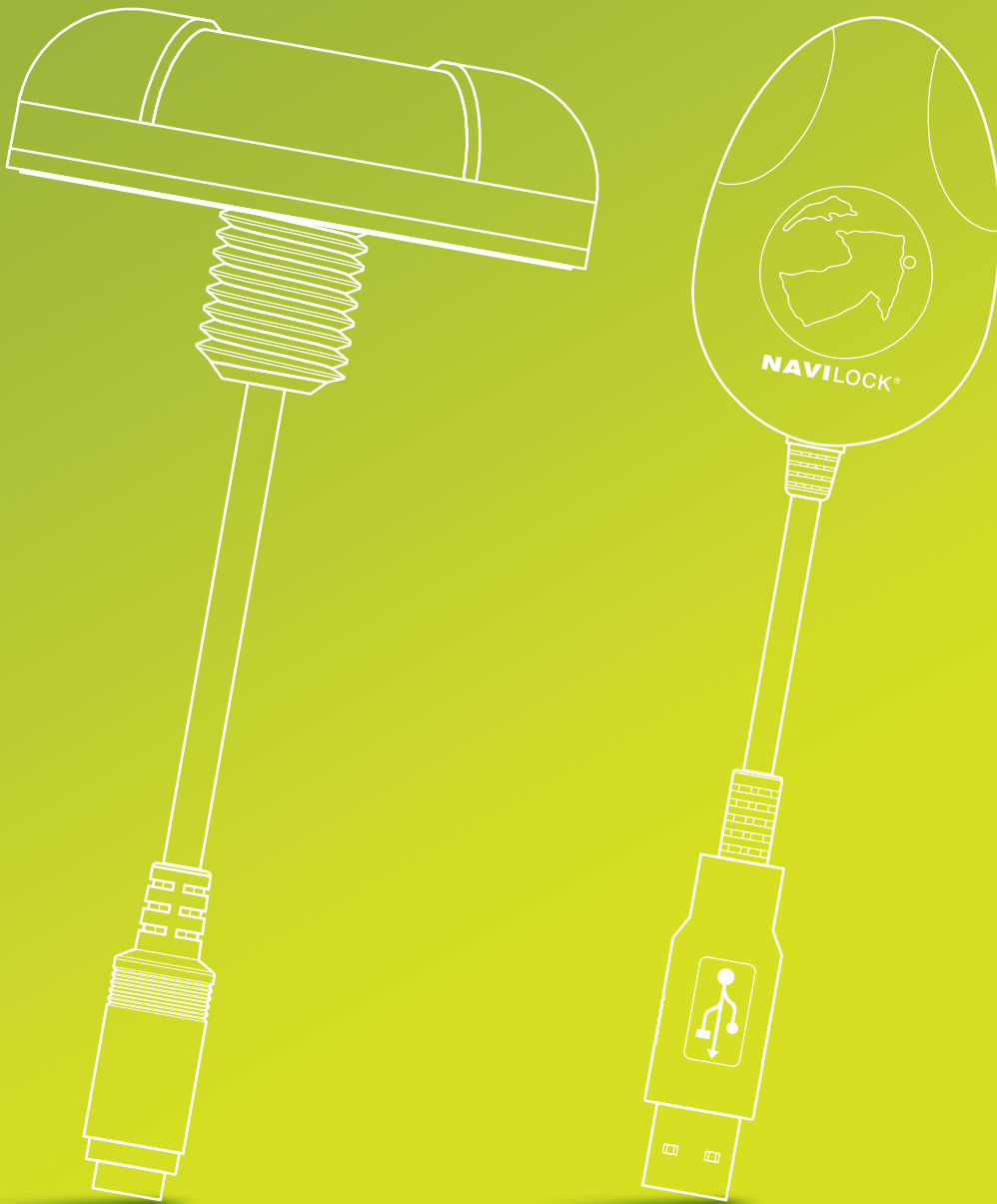


CATALOGUE 2020

GPS

You can use the GNSS Receiver by Delock
with a laptop and a suitable routing
software for navigation



GPS



03		21368 / NL-82004P MD6 Serial Multi GNSS UDR Receiver u-blox NEO-M8U 0.6 m	04		21369 Cable MD6 serial > D-SUB 9 serial with PPS
05		60325 / NL-3330 M8 Serial GNSS Receiver MediaTek MT3333 0.5 m	06		60326/ NL-3331 M8 Serial GNSS Receiver MediaTek MT3333 0.5 m
07		60327 / NL-3332 M8 Serial GNSS Receiver MediaTek MT3333 0.5 m	08		60332 / NL-8338P M8 Serial Multi GNSS Receiver u-blox 8 0.25 m
09		61264 Cable MD6 > USB	10		61265 Cable MD6 serial > D-SUB 9 serial
11		62576 / NL-852ERS Multi GNSS u-blox 8 PPS Engine Module	12		62621 Cable MD6 serial > D-SUB 9 serial with PPS
13		62665 / NL-82004P MD6 Serial Multi GNSS UDR Receiver u-blox NEO-M8U 5 m	14		62745 / NL-82052TTL Multi GNSS UDR u-blox NEO-M8U PPS Engine Module
15		62755 / NL-82022MP MD6 serial Multi GNSS UDR Receiver u-blox NEO-M8U 5 m	16		62756 / NL-82002U USB 2.0 Multi GNSS UDR Receiver u-blox NEO-M8U 1.5 m
17		62758 / NL-82012U USB 2.0 Multi GNSS UDR Receiver u-blox NEO-M8U 4.5 m	18		62779 / NL-82004U USB 2.0 Multi GNSS UDR Receiver u-blox NEO-M8U 4.5 m
19		62780 / NL-82022MU USB 2.0 Multi GNSS UDR Receiver u-blox NEO-M8U 4.5 m	20		62873 / NL-82001UOTG Micro USB 2.0 OTG Multi GNSS UDR Receiver u-blox NEO-M8U 1.5 m
21		62875 Cable M8 serial waterproof > DB9 female RS-232 1.2 m	22		62877 Cable MD6 serial > Micro USB OTG male 52 cm
23		62878 Cable MD6 serial > USB 2.0 Type Mini-B male 52 cm	24		62879 Cable MD6 serial > USB Type-C™ 2.0 male 52 cm
25		62880 Cable MD6 serial > 3.5 mm 4 pin stereo jack TTL (5 V) 52 cm	26		62881 Cable MD6 female serial > 2.5 mm 4 pin stereo jack TTL (5 V) 52 cm
27		62882 Cable MD6 serial > RJ11 male 52 cm	28		62883 Cable MD6 female serial > 5 x 1 pin pin header, TTL (5 V) 52 cm
29		62884 Cable MD6 serial > 5 x open wires TTL (5 V) 52 cm	30		62885 Cable MD6 serial > 3.5 mm 3 pin stereo jack TTL (5 V) 52 cm
31		62886 Cable MD6 serial > 2.5 mm 3 pin stereo jack TTL (5 V) 52 cm	32		62887 Cable M8 serial waterproof > 3.5 mm 4 pin stereo jack TTL (5 V) 1.2 m
33		62888 Cable M8 serial waterproof > 2.5 mm 4 pin stereo jack TTL (5 V) 1.2 m	34		62891 Cable M8 serial waterproof > 5 x 1 pin pin header, TTL (5 V) 1.2 m

GPS



35		62892 Cable M8 serial waterproof > 5 x open wire TTL (5 V) 1.2 m	36		62893 Cable M8 serial waterproof > 2.5 mm 3 pin stereo jack TTL (5 V) 1.2 m
37		62894 Cable M8 serial waterproof > 3.5 mm 3 pin stereo jack TTL (5 V) 1.2 m	38		62907 Cable M8 serial waterproof > USB 2.0 Type A male 1.20 m
39		62923 Cable MD6 serial > 2.5 mm 3 pin stereo jack LVTTTL (3.3 V) 52 cm	40		62924 Cable MD6 serial > 2.5 mm 4 pin stereo jack LVTTTL (3.3 V) 52 cm
41		62925 Cable MD6 serial > 3.5 mm 3 pin stereo jack LVTTTL (3.3 V) 52 cm	42		62926 Cable MD6 serial > 3.5 mm 4 pin stereo jack LVTTTL (3.3 V) 52 cm
43		62928 Cable MD6 serial > 5 x open wire LVTTTL (3.3 V) 52 cm	44		62929 Cable MD6 serial > 5 x 1 pin pin header, LVTTTL (3.3 V) 52 cm
45		62931 Cable MD6 serial > RJ45 male 52 cm	46		62932 Cable MD6 serial > Micro-Fit 4 pin male 52 cm
47		62933 Cable M8 serial waterproof > 2.5 mm 3 pin stereo jack LVTTTL (3.3 V) 1.2 m	48		62935 Cable M8 serial waterproof > 2.5 mm 4 pin stereo jack LVTTTL (3.3 V) 1.2 m
49		62936 Cable M8 serial waterproof > 3.5 mm 3 pin stereo jack LVTTTL (3.3 V) 1.2 m	50		62937 Cable M8 serial waterproof > 3.5 mm 4 pin stereo jack LVTTTL (3.3 V) 1.2 m
51		62938 Cable M8 serial waterproof > 5 x open wire LVTTTL (3.3 V) 1.2 m	52		62939 Cable M8 serial waterproof > 5 x 1 pin pin header, LVTTTL (3.3 V) 1.2 m
53		62940 Cable M8 serial waterproof > USB Type-C™ 2.0 male 1.2 m	54		62941 Cable M8 serial waterproof > Micro USB OTG male 1.2 m
55		62943 Cable M8 serial waterproof > USB 2.0 Type Mini-B male 1.2 m	56		62970 Cable M8 serial waterproof > USB 2.0 Type A male 1.20 m
57		62971 Cable M8 male > M8 female waterproof 1 m for M8 GNSS receiver	58		62972 Cable M8 male > M8 female waterproof 2 m for M8 GNSS receiver
59		62973 Cable M8 male > M8 female waterproof 3 m for M8 GNSS receiver	60		62974 Cable M8 male > M8 female waterproof 5 m for M8 GNSS receiver
61		62975 Cable M8 male > M8 female waterproof 10 m for M8 GNSS receive	62		95843 Cable 5 pin 10 cm for module

MD6 Serial Multi GNSS UDR Receiver u-blox NEO-M8U

white
0.6 m

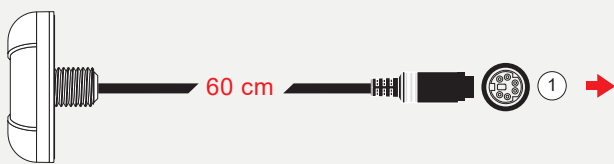


- GPS
L1
1575.4200 MHz
- GLONASS
L1
1602 (k x 0.5625) MHz
- BEIDOU
B1
1561.0980 MHz
- GALILEO
E1
1575.4200 MHz
- QZSS
L1
1575.4200 MHz

CE FC



Mult interfaces



Ø x H: ca. 62 mm x 21 mm

① MD6 Navilock plug

Optional connecting cable

- Open Wires
- pitch 2.54 mm female
- Stereo angled plug
- USB TYPE-A
- USB TYPE-C™
- USB Micro-B OTG
- USB Mini-B
- Adaptor Cable RJ11 / RJ45
- Adaptor Cable DB9 jack RS-232

Windows
Vista/7/8.1/10

Linux
Kernel 2.6

Auto Baud
Rate up to 115200 bps

UPDATE
rate up to 20 Hz

Sensitivity max
-160 dBm

START
Cold start in 26 second

START
Hot start in 1 second

Protection class
IPX7

Connection Cable MD6 serial > D-SUB 9 serial for GNSS Receiver with PPS

The pin assignment of this connector is identical with chipsets by u-blox and SiRF

488 cm

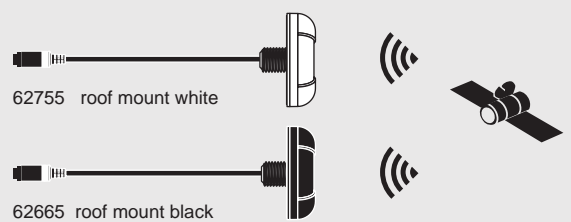


CE FC



① D-SUB 9 jack ② open cable end ③ MD6 jack

Navilock GNSS Receiver



Power supply via open cable end
red: +5 V black: GND



Length:
ca. 488cm



for
GNSS receiver

Serial GNSS Receiver M8 MediaTek MT3333

Receiver with M8 waterproof connector (for optional connecting cables)
MediaTek MT3333 receiver accepts the signals of up to 33 satellites at the same time

black

0.5 m



GPS
L1
1575.4200 MHz

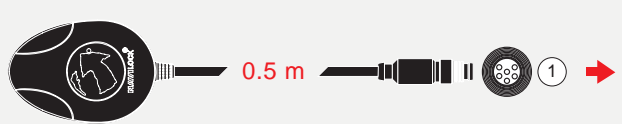
GLONASS
L1
1602 (k x 0.5625) MHz

MEDIATEK
MT3333



CE FC

Mult interfaces



LxWxH: ca.65 x 45 x 22 mm

① M8 Navilock waterproof connection plug

Optional connecting cable

- Open Wires
- pitch 2.54 mm female
- Stereo angled plug
- USB TYPE-A
- USB TYPE-C™
- USB Micro-B OTG
- USB Mini-B
- Extension Cable
- Adaptor Cable DB9 jack RS-232

Windows Vista/7/8.1/10	Linux Kernel 2.6	update rate 1 - 10 Hz	Sensibility max -165 dBm	Cold start in 34 second	Hot start in 1 second	Protection class IPX6

Serial GNSS Receiver M8 MediaTek MT3333

Receiver with M8 waterproof connector (for optional connecting cables)

MediaTek MT3333 receiver accepts the signals of up to 33 satellites at the same time

Roof mounting and waterproof housing (IPX7)

GPS
L1
1575.4200 MHz

GLONASS
L1
1602 (k x 0.5625) MHz

- black**
- 0.5 m**
- PATENTED**

MEDIATEK
MT3333



CE FC

Mult interfaces



Ø x H: ca. 62 mm x 21 mm

① M8 Navilock waterproof connection plug

Optional connecting cable

- Open Wires
- pitch 2.54 mm female
- Stereo angled plug
- USB TYPE-A
- USB TYPE-C™
- USB Micro-B OTG
- USB Mini-B
- Extension Cable
- Adaptor Cable DB9 jack RS-232

 Windows Vista/7/8.1/10	 Linux Kernel 2.6	 UPDATE update rate 1 - 10 Hz	 Sensitivity max -165 dBm	 START Cold start in 34 second	 START Hot start in 1 second	 Protection class IPX7
---	---	--	---	--	---	--

Serial GNSS Receiver M8 MediaTek MT3333

Receiver with M8 waterproof connector (for optional connecting cables)

MediaTek MT3333 receiver accepts the signals of up to 33 satellites at the same time

Roof mounting and waterproof housing (IPX7)

GPS
L1
1575.4200 MHz

GLONASS
L1
1602 (k x 0.5625) MHz

white

0.5 m

PATENTED

MEDIATEK

MT3333



CE FC




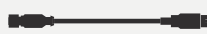

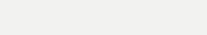


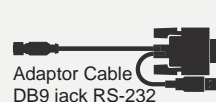
Mult interfaces



Ø x H: ca. 62 mm x 21 mm

① M8 Navilock waterproof connection plug


Optional connecting cable


-  Open Wires
-  pitch 2.54 mm female
-  Stereo angled plug
-  USB TYPE-A
-  USB TYPE-C™
-  USB Micro-B OTG
-  USB Mini-B
-  Extension Cable
-  Adaptor Cable DB9 jack RS-232



Windows
Vista/7/8.1/10


Linux
Kernel 2.6


UPDATE
update rate
1 - 10 Hz


Sensibility max
-165 dBm


START
Cold start in
34 second


START
Hot start in
1 second


Protection class
IPX7

Serial Multi GNSS Receiver M8 u-blox 8

Receiver with M8 waterproof connector (for optional connecting cables)

u-blox 8 receiver accepts the signals of up to 72 satellites at the same time

Roof mounting and waterproof housing (IPX7)

black

0.25 m



- GPS**
L1
1575.4200 MHz
- GLONASS**
L1
1602 (k x 0.5625) MHz
- BEIDOU**
B1
1561.0980 MHz
- GALILEO**
E1
1575.4200 MHz
- QZSS**
L1
1575.4200 MHz

CE FC



Mult interfaces



Ø x H: ca. 62 mm x 21 mm

① M8 Navilock waterproof connection plug

Optional connecting cable

- Open Wires
- pitch 2.54 mm female
- Stereo angled plug
- USB TYPE-A
- USB TYPE-C™
- USB Micro-B OTG
- USB Mini-B
- Extension Cable
- Adaptor Cable DB9 jack RS-232



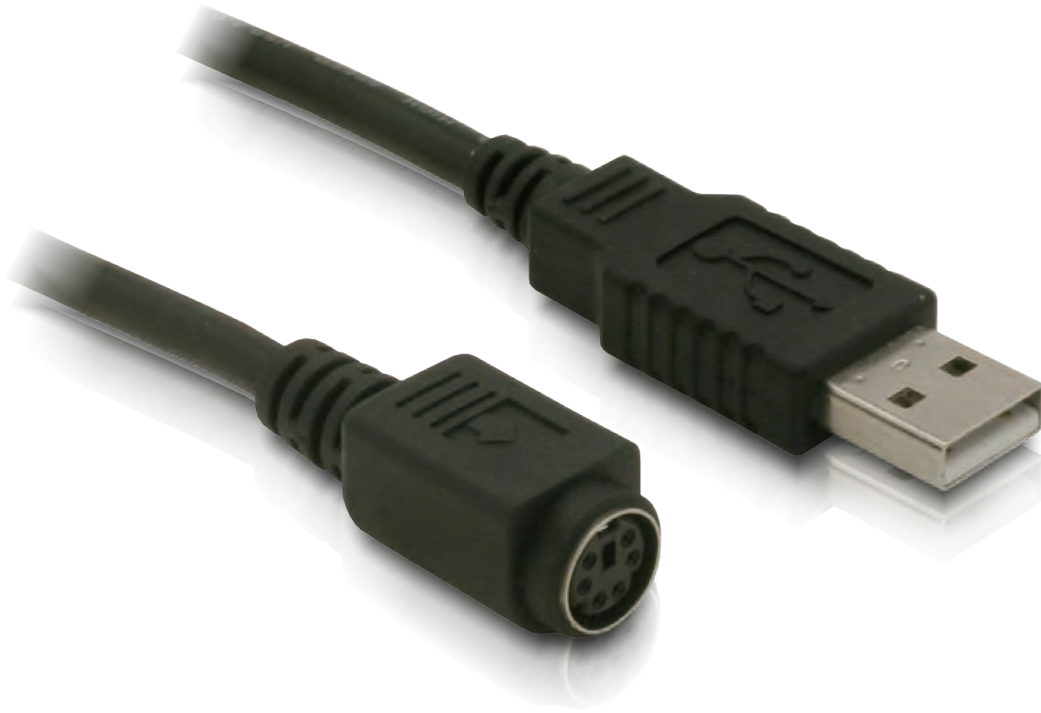
Connection Cable MD6 > USB for GNSS Receiver

Chipset: Prolific PL-2303 TA

black

52 cm

OTG



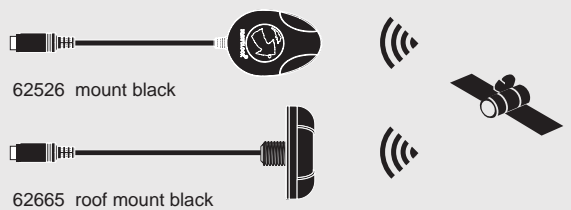
CE



① USB Type-A male

② MD6 female

Navilock MD6 Serial Receiver

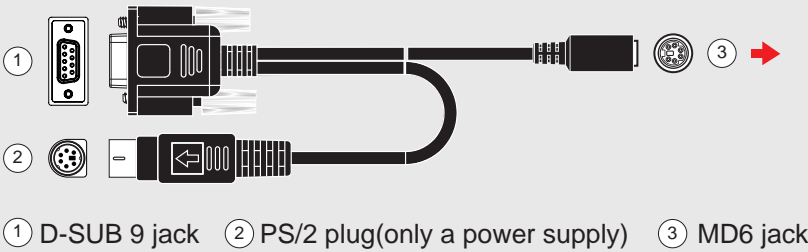


Connection Cable MD6 serial > D-SUB 9 serial for GNSS Receiver

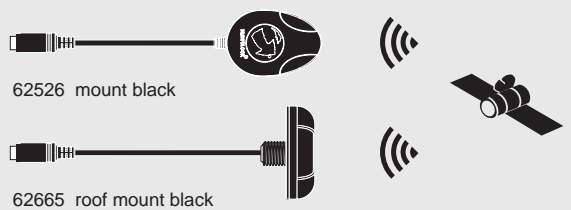
black



CE



Navilock MD6 Serial Receiver



PS/2 cable
39 cm



6 pin connecting cable
59 cm



Power supply via
PS2



for
MD6 GNSS receiver

PPS u-blox 8 Multi GNSS Engine Module

Supports AssistNow online/offline, SBAS (WAAS, EGNOS, QZSS and MSAS)
Supports NMEA 0183 protocols: GGA, GSA, GSV, RMC, VTG

GPS
L1
1575.4200
MHz

GLONASS
L1
L1, 1602
(k x 0.5625)
MHz

BEIDOU
B1
1561.0980
MHz

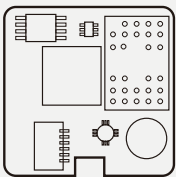
GALILEO
E1
1575.4200
MHz

QZSS
L1
1575.4200
MHz

 **u-blox 8**

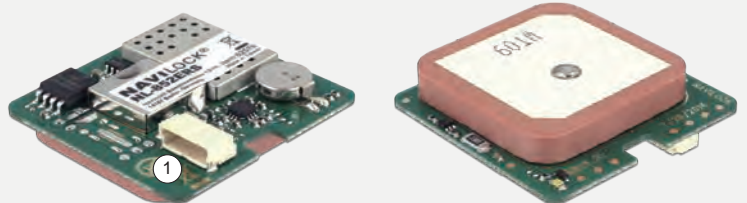


CE FC



LxWxH: ca. 30 x 30 x 7.90 mm

① Connector: WTB serial RS-232



Power supply
5 Volt



UPDATE
single GNSS
18 Hz



UPDATE
multi GNSS
10 Hz



Sensitivity max
-167 dBm



Cold start in
26 seconds



Hot start in
1 second



Current consumption
45mA

Connection Cable MD6 serial > D-SUB 9 serial for GNSS Receiver with PPS

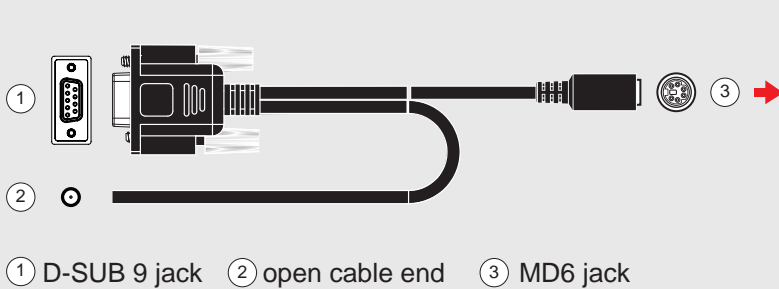
Note: The following Navilock GNSS receiver can be supplied via the open end of the cable with a voltage in range 5 V to 48 V DC:

- 62665 NL-82004P • 62755 NL-82022MP

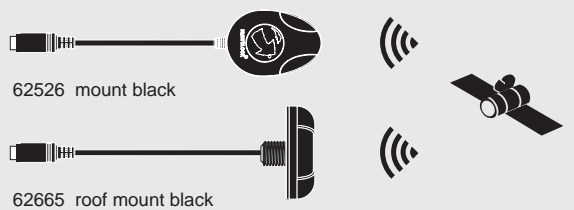
black



CE



Navilock MD6 Serial Receiver



open cable
39 cm



6 pin connecting cable
59 cm



Power supply via
open cable end








for
MD6 GNSS receiver

MD6 Serial Multi GNSS UDR Receiver u-blox NEO-M8U

black

5 m

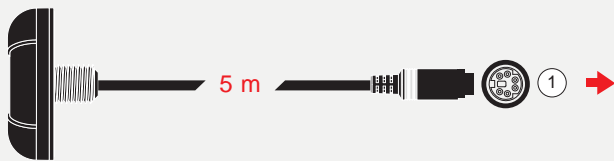


-  **GPS**
L1
1575.4200 MHz
-  **GLONASS**
L1
1602 (k x 0.5625) MHz
-  **BEIDOU**
B1
1561.0980 MHz
-  **GALILEO**
E1
1575.4200 MHz
-  **QZSS**
L1
1575.4200 MHz

CE FC




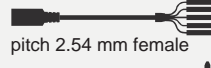



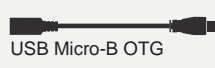
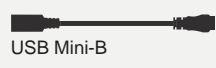
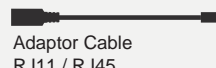
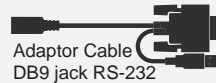
Mult interfaces



Ø x H: ca. 62 mm x 21 mm


① MD6 Navilock plug

Optional connecting cable

-  Open Wires
-  pitch 2.54 mm female
-  Stereo angled plug
-  USB TYPE-A
-  USB TYPE-C™
-  USB Micro-B OTG
-  USB Mini-B
-  Adaptor Cable RJ11 / RJ45
-  Adaptor Cable DB9 jack RS-232


Windows
Vista/7/8.1/10


Linux
Kernel 2.6


Auto Baud
Rate up to
115200 bps


UPDATE
rate up to
20 Hz


Sensitivity max
-160 dBm







START
Cold start in
26 second

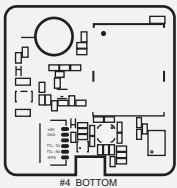
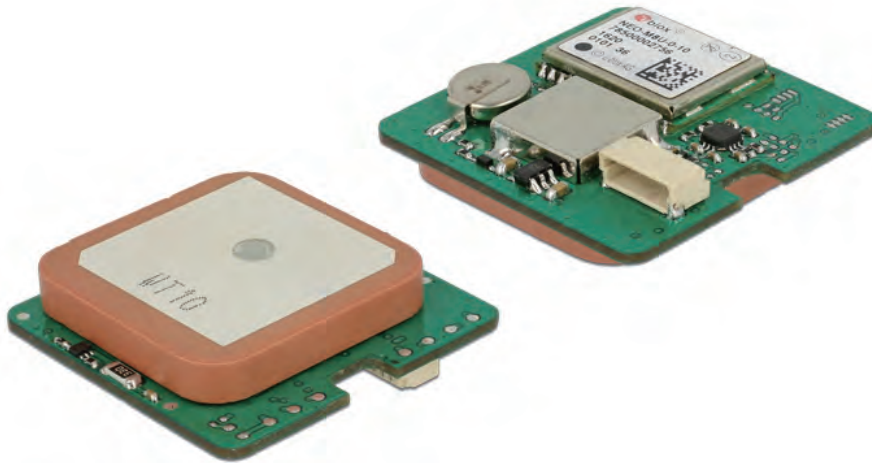

START
Hot start in
1 second


Protection class
IPX7

Multi GNSS UDR u-blox NEO-M8U PPS Engine Module

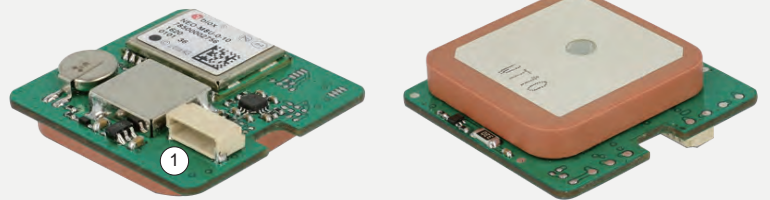
Supports AssistNow online/offline, SBAS (WAAS, EGNOS, QZSS and MSAS)
Supports NMEA 0183 protocols: GGA, GSA, GSV, RMC, VTG
Supports UDR from NMEA 4.1

-  **GPS**
L1
1575.4200 MHz
-  **GLONASS**
L1
1602.5625 – 1615.5000 MHz
-  **BEIDOU**
B1
1561.0980 MHz
-  **GALILEO**
E1
1575.4200 MHz
-  **QZSS**
L1
1575.4200 MHz




LxWxH: ca. 30 x 30 x 7.90 mm

① Connector: 1 x WTB serial TTL




Windows
7/8.1/10/CE


Linux



Operating voltage
5 -48 V DC


UPDATE
rate up to
20 Hz


Sensibility max
-160 dBm


START
Cold start in
26 second







START
Hot start in
1 second


Current consumption
45mA

MD6 Serial Multi GNSS UDR Receiver u-blox NEO-M8U

white
5 m

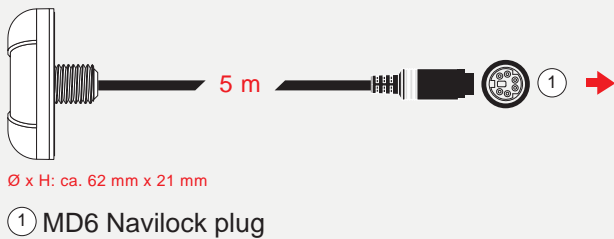


-  **GPS**
L1
1575.4200 MHz
-  **GLONASS**
L1
1602 (k x 0.5625) MHz
-  **BEIDOU**
B1
1561.0980 MHz
-  **GALILEO**
E1
1575.4200 MHz
-  **QZSS**
L1
1575.4200 MHz


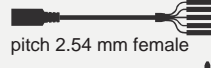



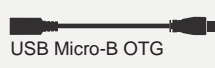
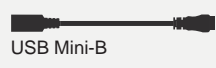
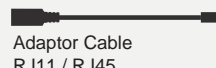
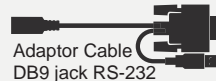


CE FC

Mult interfaces




Optional connecting cable

-  Open Wires
-  pitch 2.54 mm female
-  Stereo angled plug
-  USB TYPE-A
-  USB TYPE-C™
-  USB Micro-B OTG
-  USB Mini-B
-  Adaptor Cable RJ11 / RJ45
-  Adaptor Cable DB9 jack RS-232


Windows
Vista/7/8.1/10


Linux
Kernel 2.6


Auto Baud
Rate up to
115200 bps


UPDATE
rate up to
20 Hz


Sensitivity max
-160 dBm


START
Cold start in
26 second


START
Hot start in
1 second







Protection class
IPX7

USB 2.0 Multi GNSS UDR Receiver u-blox NEO-M8U

UDR Receiver with high-sensitivity sensors such as a 3D accelerometer and a 3D gyroscope

black
1.5 m



	GPS L1 1575.4200 MHz
	GLONASS L1 1602 (k x 0.5625) MHz
	BEIDOU B1 1561.0980 MHz
	GALILEO E1 1575.4200 MHz
	QZSS L1 1575.4200 MHz

62756 | 1.5 m
62758 | 4.5 m
CE FC



- 
Windows
Vista/7/8.1/10
- 
Linux
Kernel 2.6
- 
Auto Baud
Rate up to
115200 bps
- 
UPDATE
rate up to
20 Hz
- 
Sensitivity max
-160 dBm
- 
START
Cold start in
26 second
- 
START
Hot start in
1 second
- 
Protection class
IPX6

USB 2.0 Multi GNSS UDR Receiver

u-blox NEO-M8U

UDR Receiver with high-sensitivity sensors such as a 3D accelerometer and a 3D gyroscope

black
4.5 m



GPS	L1 1575.4200 MHz
GLONASS	L1 1602 (k x 0.5625) MHz
BEIDOU	B1 1561.0980 MHz
GALILEO	E1 1575.4200 MHz
QZSS	L1 1575.4200 MHz

62756 | 1.5 m
62758 | 4.5 m
CE FC








- 
Windows
 Vista/7/8.1/10
- 
Linux
 Kernel 2.6
- 
 Auto Baud
 Rate up to
 115200 bps
- 
 UPDATE
 rate up to
 20 Hz
- 
 Sensibility max
 -160 dBm
- 
 START
 Cold start in
 26 second
- 
 START
 Hot start in
 1 second
- 
 Protection class
 IPX6

USB 2.0 Multi GNSS UDR Receiver u-blox NEO-M8U

black
4.5 m



-  **GPS**
L1
1575.4200 MHz
-  **GLONASS**
L1
1602 (k x 0.5625) MHz
-  **BEIDOU**
B1
1561.0980 MHz
-  **GALILEO**
E1
1575.4200 MHz
-  **QZSS**
L1
1575.4200 MHz



CE FC




Ø x H: ca. 62 mm x 21 mm

① USB 2.0 Type-A male


Windows
Vista/7/8.1/10


Linux
Kernel 2.6


Auto Baud
Rate up to
115200 bps


UPDATE
rate up to
20 Hz


Sensitivity max
-160 dBm


START
Cold start in
26 second







START
Hot start in
1 second


Protection class
IPX7

USB 2.0 Multi GNSS UDR Receiver u-blox NEO-M8U

white
4.5 m



 GPS L1 1575.4200 MHz
 GLONASS L1 1602 (k x 0.5625) MHz
 BEIDOU B1 1561.0980 MHz
 GALILEO E1 1575.4200 MHz
 QZSS L1 1575.4200 MHz

CE FC




Ø x H: ca. 62 mm x 21 mm

① USB 2.0 Type-A male


Windows
Vista/7/8.1/10


Linux
Kernel 2.6


Auto Baud
Rate up to
115200 bps


UPDATE
rate up to
20 Hz


Sensitivity max
-160 dBm


START
Cold start in
26 second


START
Hot start in
1 second


Protection class
IPX7

Micro USB 2.0 OTG Multi GNSS UDR Receiver u-blox NEO-M8U

black

1.5 m



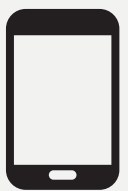
GPS	L1 1575.4200 MHz
GLONASS	L1 1602 (k x 0.5625) MHz
BEIDOU	B1 1561.0980 MHz
GALILEO	E1 1575.4200 MHz
QZSS	L1 1575.4200 MHz

CE FC



LxWxH: ca.65 x 45 x 22 mm

① USB 2.0 Type Micro-B OTG male



- 
Windows
 Vista/7/8.1/10
- 
Linux
 Kernel 2.6
- 
 Auto Baud
 Rate up to
 115200 bps
- 
 UPDATE
 rate up to
 20 Hz
- 
 Sensibility max
 -160 dBm
- 
 START
 Cold start in
 26 second
- 
 START
 Hot start in
 1 second
- 
 Protection class
 IPX6

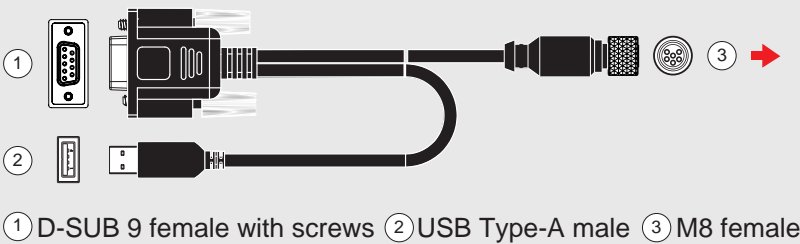
Connection Cable M8 female waterproof > DB9 female RS-232

black

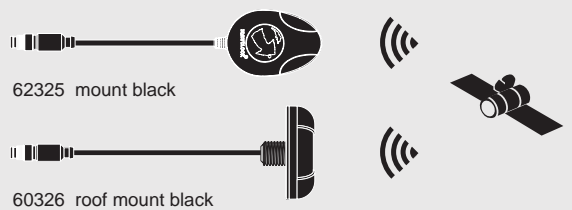
1.2 m



CE



Navilock M8 GNSS Receiver



1.2 m



Power supply via USB



for M8 GNSS receiver

Connection Cable MD6 female serial > Micro USB OTG male

Chipset: Prolific PL2303TA

black

52 cm

OTG

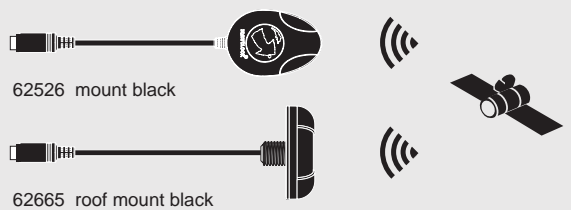


CE



① USB Type Micro-B male ② MD6 female

Navilock MD6 Serial Receiver




Windows
vista/7/8/8.1/10


Mac OS
ex 10.6


Linux
ex Kernel 2.6


Cable gauge
28 AWG


data transfer
bi-directional


OTG
function
for
Win 10


for
MD6 GNSS receiver

Connection Cable MD6 female serial > USB 2.0 Type Mini-B male

Chipset: Prolific PL2303TA

black

52 cm



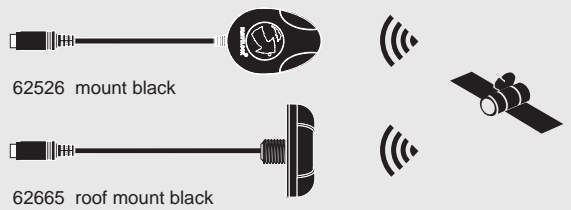
CE



① USB Type Mini-B male

② MD6 female

Navilock MD6 Serial Receiver




Windows
vista/7/8/8.1/10


Mac OS
ex 10.6


Linux
ex Kernel 2.6


Cable gauge
28 AWG


data transfer
bi-directional


for
MD6 GNSS receiver

Connection Cable MD6 female serial > USB Type-C™ 2.0 male

Chipset: Prolific PL2303TA

black

52 cm

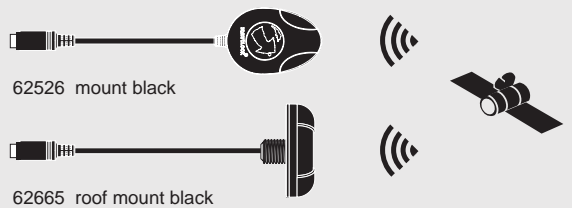


CE



① USB Type-C™ 2.0 male ② MD6 female

Navilock MD6 Serial Receiver



Connection Cable MD6 female serial > 3.5 mm 4 pin stereo jack male 90° TTL (5 V)

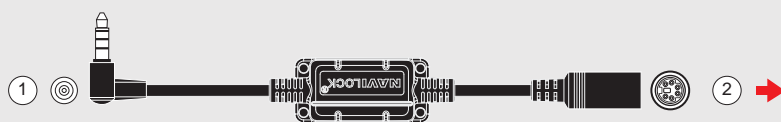
Chipset: ASIX ZT3221LEEY

black

52 cm

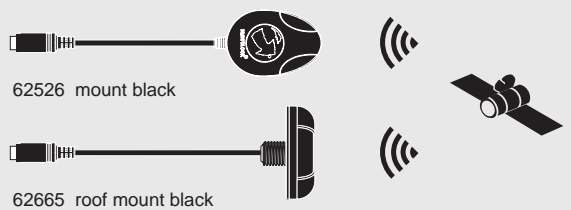


CE



① 3.5 mm 4 pin stereo jack male 90° ② MD6 female

Navilock MD6 Serial Receiver



Voltage
5 V



Cable gauge
28 AWG



data transfer
bi-directional



for
MD6 GNSS receiver

Connection Cable MD6 female serial > 2.5 mm 4 pin stereo jack male 90° TTL (5 V)

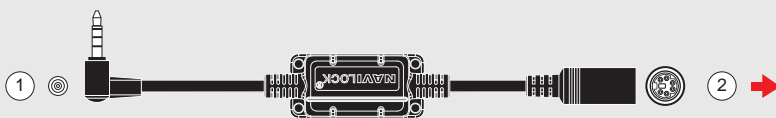
Chipset: ASIX ZT3221LEEY

black

52 cm

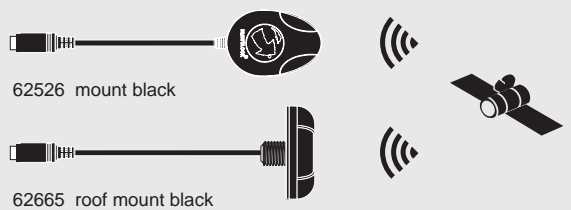


CE



① 2.5 mm 4 pin stereo jack male 90° ② MD6 female

Navilock MD6 Serial Receiver



Voltage
5 V



Cable gauge
28 AWG



data transfer
bi-directional



for
MD6 GNSS receiver

Connection Cable MD6 female serial > RJ11 male

black

52 cm

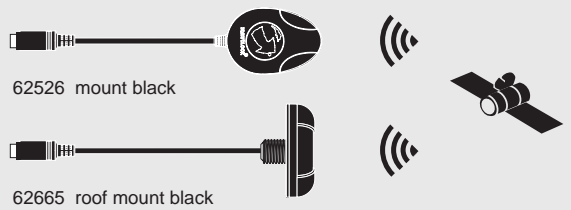


CE



① RJ11 male ② MD6 female

Navilock MD6 Serial Receiver



Cable gauge
28 AWG



for
MD6 GNSS receiver

Connection Cable MD6 female serial > 5 x 1 pin pin header, pitch 2.54 mm TTL (5 V)

Chipset: ASIX ZT3221LEEY

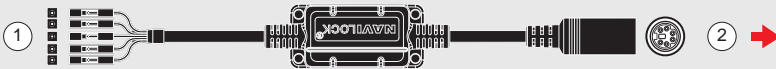
Pitch: 2.54 mm

black

52 cm

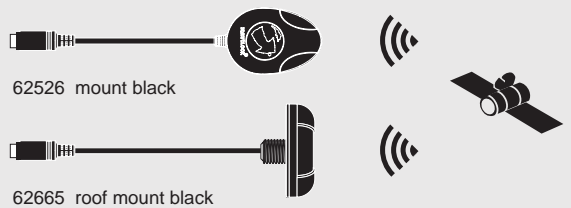


CE



① 5 x 1 pin header ② MD6 female

Navilock MD6 Serial Receiver



Voltage
5 V



Cable gauge
28 AWG



data transfer
bi-directional



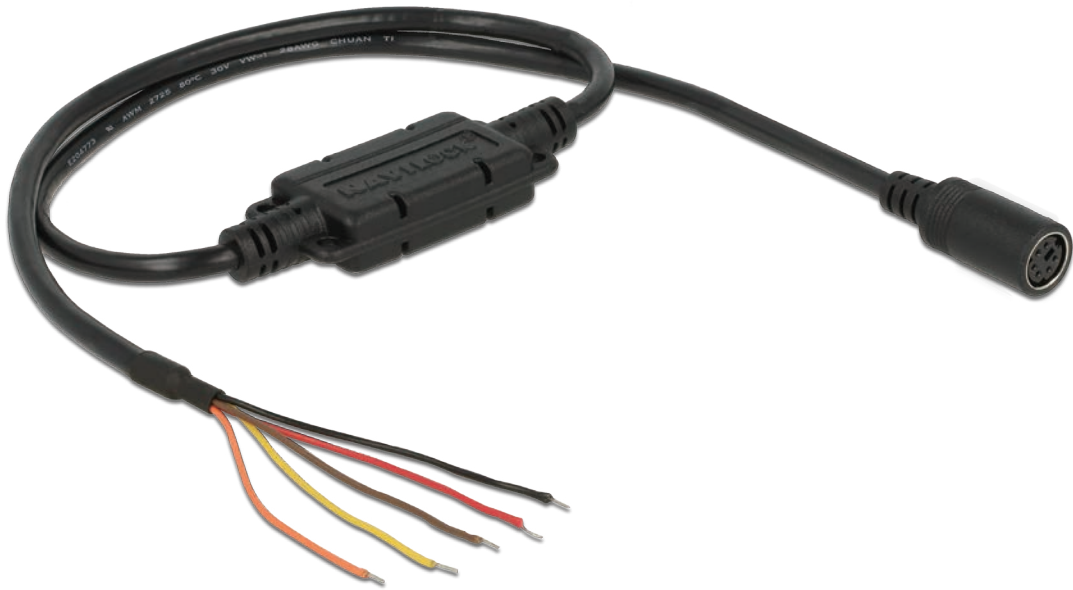
for
MD6 GNSS receiver

Connection Cable MD6 female serial > 5 x open wires TTL (5 V)

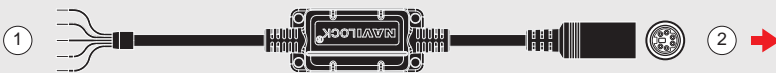
Chipset: ASIX ZT3221LEEY

black

52 cm

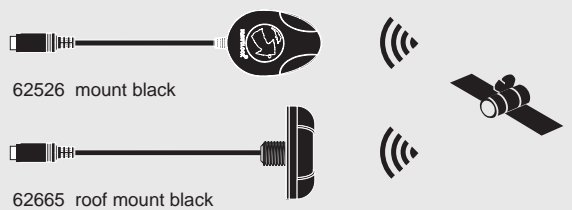


CE



① 5 pin open wire ② MD6 female

Navilock MD6 Serial Receiver



Voltage
5 V



Cable gauge
28 AWG



for
MD6 GNSS receiver

Connection Cable MD6 female serial > 3.5 mm 3 pin stereo jack male 90° TTL (5 V)

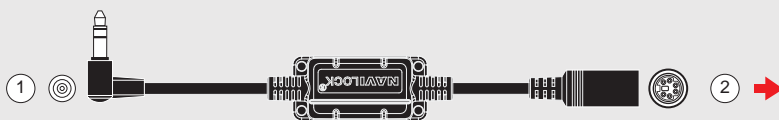
Chipset: ASIX ZT3221LEEY

black

52 cm

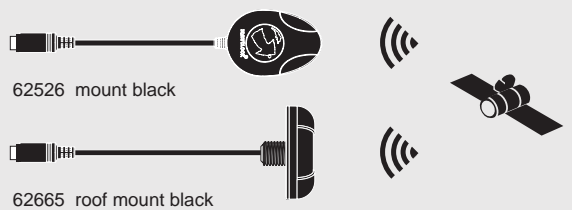


CE



① 3.5 mm 3 pin stereo jack male 90° ② MD6 female

Navilock MD6 Serial Receiver



Voltage
5 V



Cable gauge
28 AWG



data transfer
un-directional



for
MD6 GNSS receiver

Connection Cable MD6 female serial > 2.5 mm 3 pin stereo jack male 90° TTL (5 V)

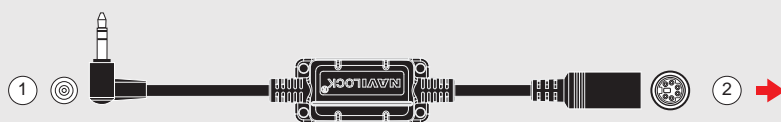
Chipset: ASIX ZT3221LEEY

black

52 cm

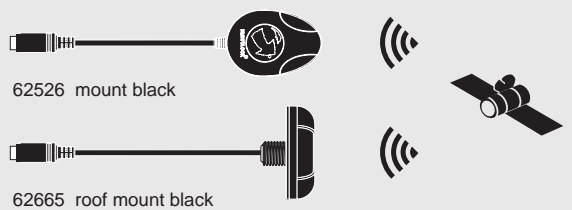


CE



① 2.5 mm 3 pin stereo jack male 90° ② MD6 female

Navilock MD6 Serial Receiver



Voltage
5 V



Cable gauge
28 AWG



data transfer
un-directional



for
MD6 GNSS receiver

Connection Cable M8 female serial waterproof > 3.5 mm 4 pin stereo jack male 90° TTL (5 V)

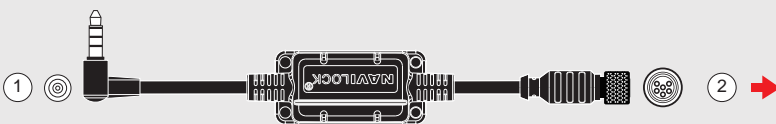
Chipset: ASIX ZT3221LEEY

black

1.2 m

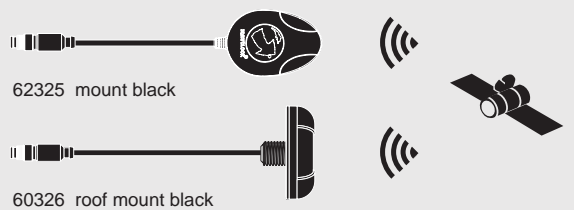


CE



① 3.5 mm 4 pin stereo jack male 90° ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
5 V



Cable gauge
28 AWG



data transfer
bi-directional



for
M8 GNSS receiver

Connection Cable M8 female serial waterproof > 2.5 mm 4 pin stereo jack male 90° TTL (5 V)

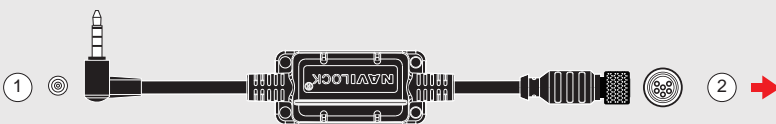
Chipset: ASIX ZT3221LEEY

black

1.2 m

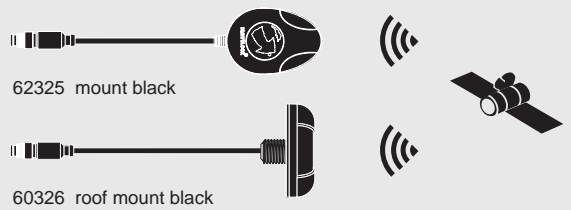


CE



① 2.5 mm 4 pin stereo jack male 90° ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
5 V



Cable gauge
28 AWG



data transfer
bi-directional



for
M8 GNSS receiver

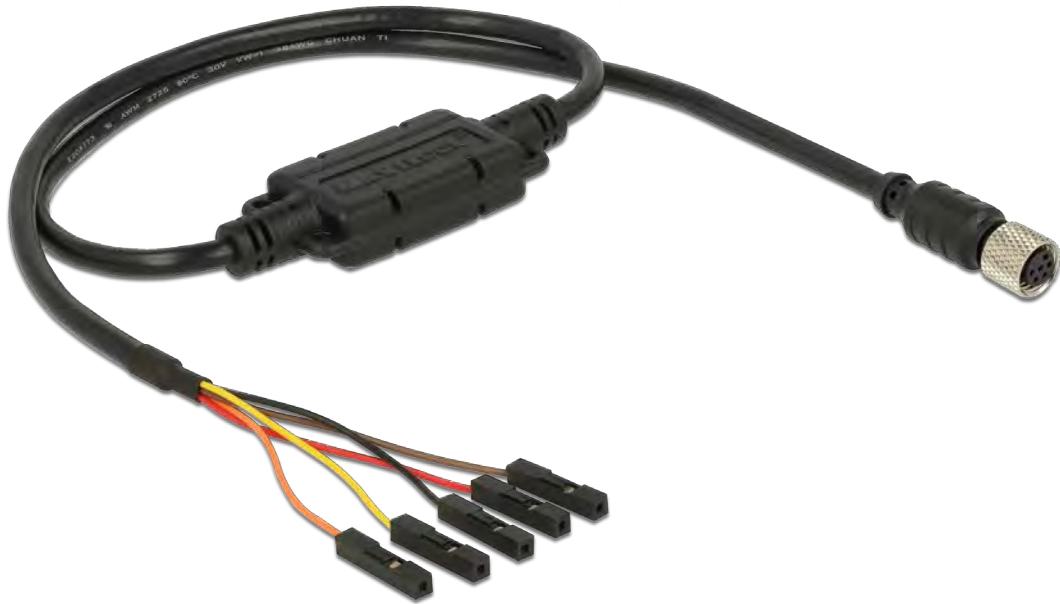
Connection Cable M8 female serial waterproof > 5 x 1 pin pin header, pitch 2.54 mm TTL (5 V)

Chipset: ASIX ZT3221LEEY

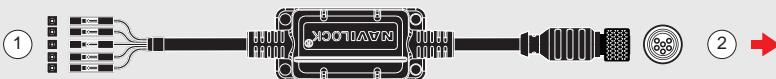
Pitch: 2.54 mm

black

1.2 m

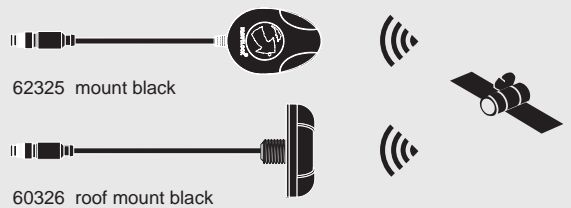


CE



① 5 x 1 pin female pin header ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
bi-directional



for
M8 GNSS receiver

Connection Cable M8 female serial waterproof > 5 x open wire TTL (5 V)

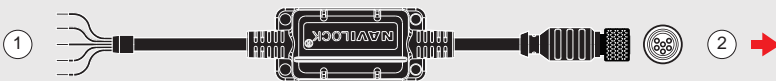
Chipset: ASIX ZT3221LEEY

black

1.2 m

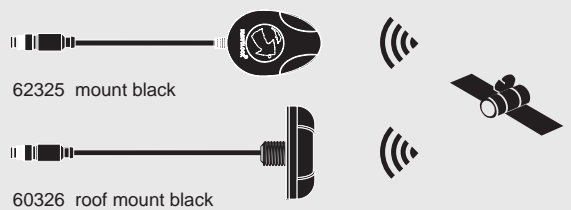


CE



① 5 pin open wire ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
5 V



Cable gauge
28 AWG



for
M8 GNSS receiver

Connection Cable M8 female serial waterproof > 2.5 mm 3 pin stereo jack male 90° TTL (5 V)

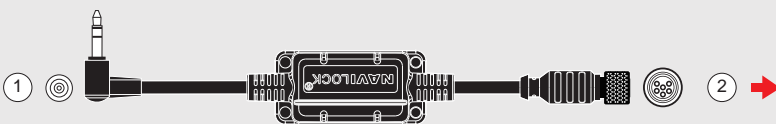
Chipset: ASIX ZT3221LEEY

black

1.2 m

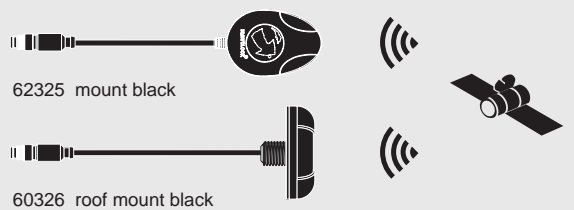


CE



① 2.5 mm 3 pin stereo jack ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
5 V



Cable gauge
28 AWG



data transfer
unidirectional



for
M8 GNSS receiver

Connection Cable M8 female serial waterproof > 3.5 mm 3 pin stereo jack male 90° TTL (5 V)

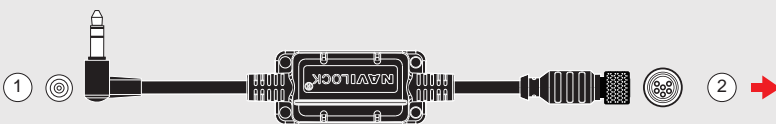
Chipset: ASIX ZT3221LEEY

black

1.2 m

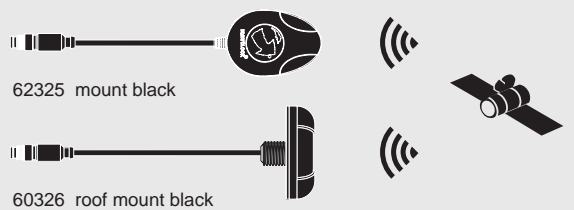


CE



① 3.5 mm 3 pin stereo jack male 90° ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
5 V



Cable gauge
28 AWG



data transfer
unidirectional



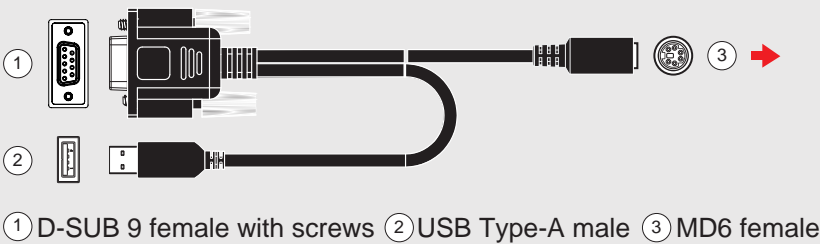
for
M8 GNSS receiver

Connection Cable MD6 serial > D-SUB 9 serial for GNSS Receiver with power supply via USB

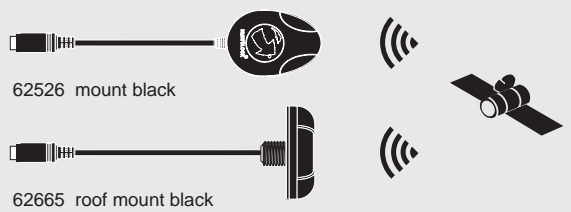
black



CE



Navilock MD6 Serial Receiver



USB cable
39 cm



MD6 cable
59 cm



Power supply via
USB



for
MD6 GNSS receiver

Connection Cable MD6 female serial > 2.5 mm 3 pin stereo jack male 90° TTL (3.3 V)

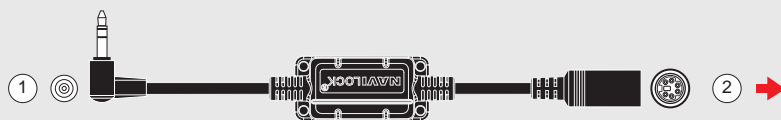
Chipset: ASIX ZT3221LEEY

black

52 cm

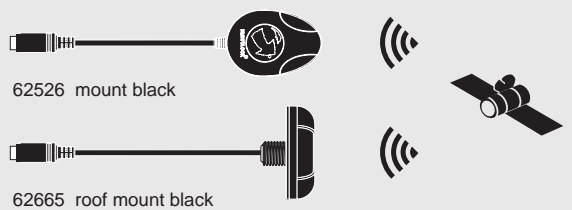


CE



① 2.5 mm 3 pin stereo jack male 90° ② MD6 female

Navilock MD6 Serial Receiver



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
un-directional



for
MD6 GNSS receiver

Connection Cable MD6 female serial > 2.5 mm 4 pin stereo jack male 90° LVTTTL (3.3 V)

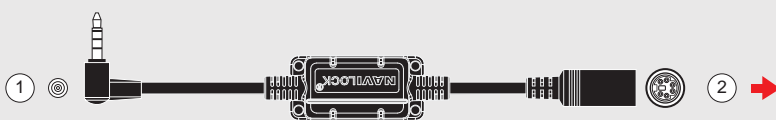
Chipset: ASIX ZT3221LEEY

black

52 cm

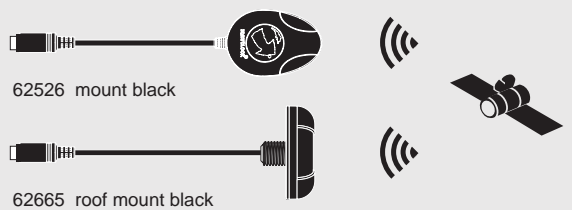


CE



① 2.5 mm 4 pin stereo jack male 90° ② MD6 female

Navilock MD6 Serial Receiver



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
bi-directional



for
MD6 GNSS receiver

Connection Cable MD6 female serial > 3.5 mm 3 pin stereo jack male 90° LVTTTL (3.3 V)

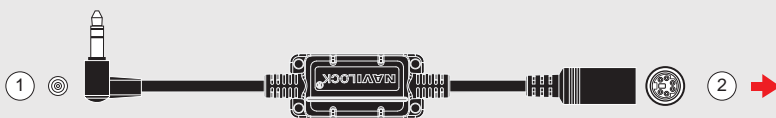
Chipset: ASIX ZT3221LEEY

black

52 cm

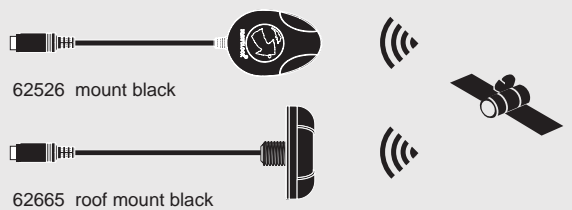


CE



① 3.5 mm 3 pin stereo jack male 90° ② MD6 female

Navilock MD6 Serial Receiver



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
un-directional



for
MD6 GNSS receiver

Connection Cable MD6 female serial > 3.5 mm 4 pin stereo jack male 90° LVTTTL (3.3 V)

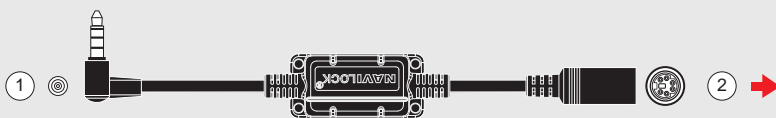
Chipset: ASIX ZT3221LEEEY

black

52 cm

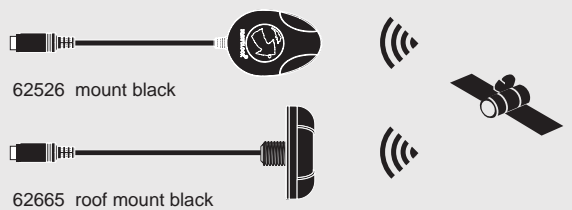


CE



① 3.5 mm 4 pin stereo jack male 90° ② MD6 female

Navilock MD6 Serial Receiver



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
bi-directional



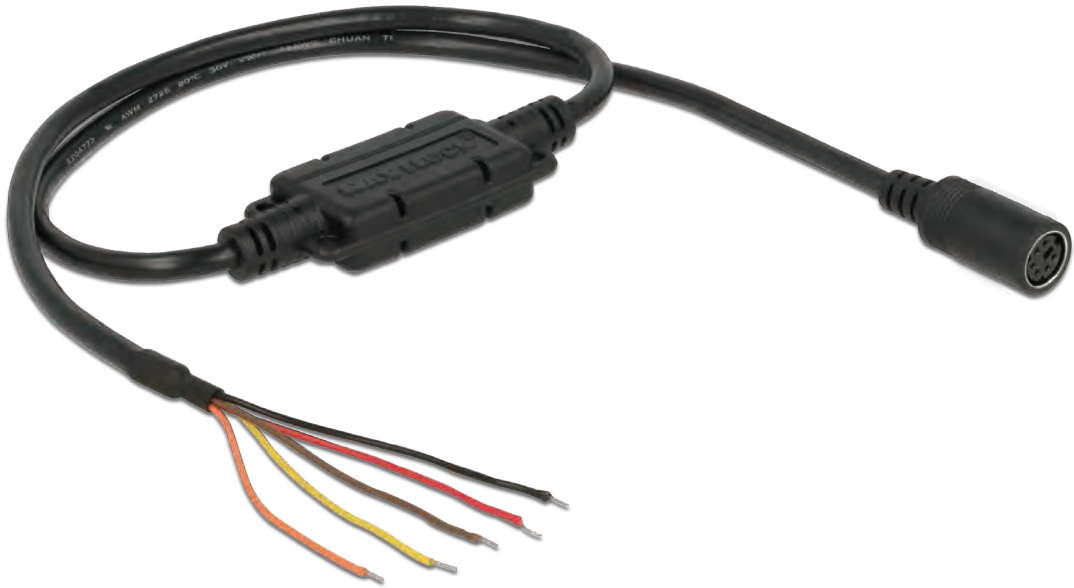
for
MD6 GNSS receiver

Connection Cable MD6 female serial > 5 x open wire LVTTL (3.3 V)

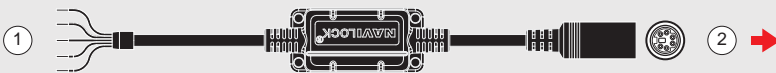
Chipset: ASIX ZT3221LEEY

black

52 cm

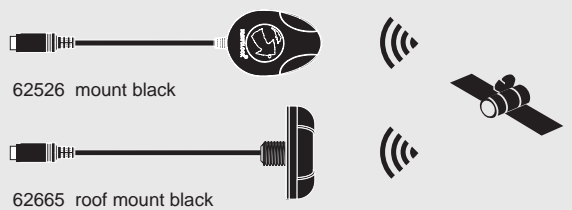


CE



① 5 pin open wire ② MD6 female

Navilock MD6 Serial Receiver



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
bi-directional



for
MD6 GNSS receiver

Connection Cable MD6 female serial > 5 x 1 pin pin header, pitch 2.54 mm LVTTTL (3.3 V)

Chipset: ASIX ZT3221LEEY

Pitch: 2.54 mm

black

52 cm

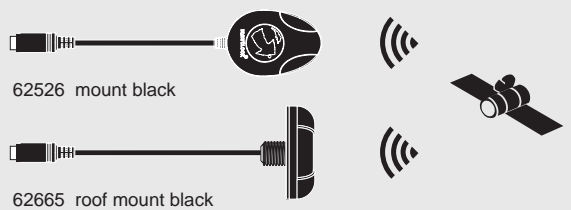


CE



① 5 x 1 pin female pin header ② MD6 female

Navilock MD6 Serial Receiver



TTL
3.3V



Cable gauge
28 AWG



data transfer
bi-directional

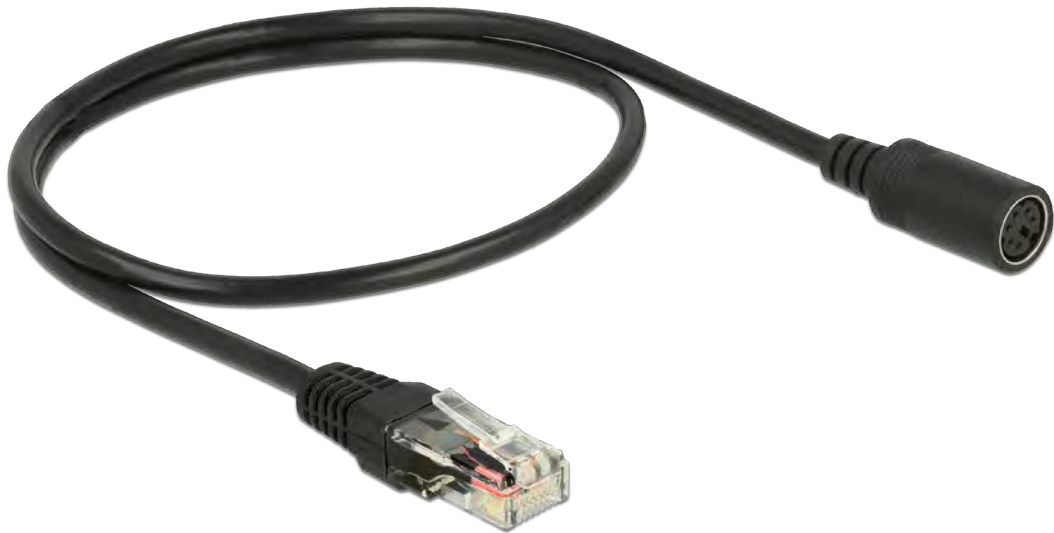


for
MD6 GNSS receiver

Connection Cable MD6 female serial > RJ45 male

black

52 cm

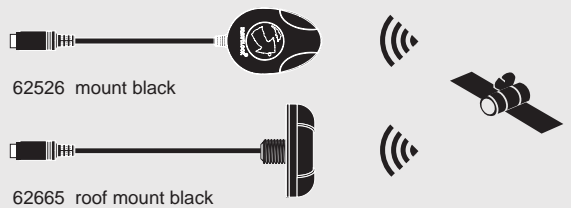


CE



① RJ45 male ② MD6 female

Navilock MD6 Serial Receiver



Cable gauge
28 AWG



for
MD6 GNSS receiver

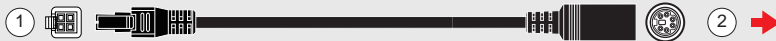
Connection Cable MD6 female serial > Micro-Fit 4 pin male

black

52 cm

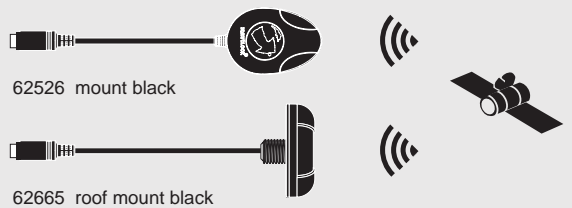


CE



① Micro-Fit 4 Pin ② MD6 female

Navilock MD6 Serial Receiver



Cable gauge
28 AWG



for
MD6 GNSS receiver

Connection Cable M8 female serial waterproof > 2.5 mm 3 pin stereo jack male 90° LVTTL (3.3 V)

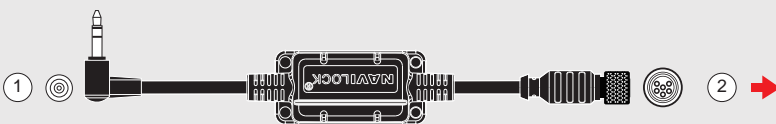
Chipset: ASIX ZT3221LEEY

black

1.2 m

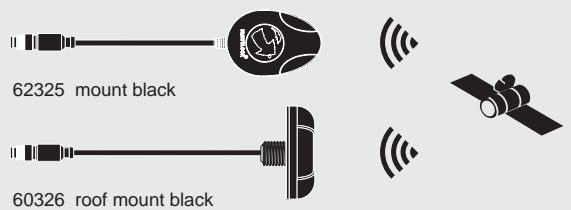


CE



① 2.5 mm 3 pin stereo jack male 90° ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
unidirectional



for
M8 GNSS receiver

Connection Cable M8 female serial waterproof > 2.5 mm 4 pin stereo jack male 90° LVTTTL (3.3 V)

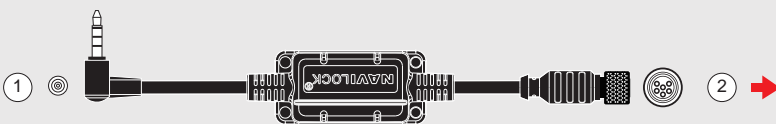
Chipset: ASIX ZT3221LEEY

black

1.2 m

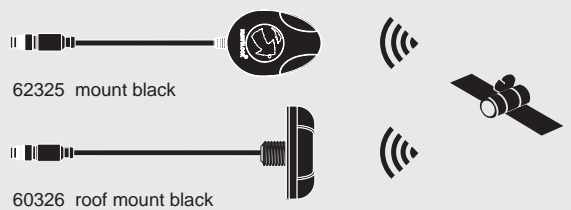


CE



① 2.5 mm 4 pin stereo jack male 90° ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
bi-directional



for
M8 GNSS receiver

Connection Cable M8 female serial waterproof > 3.5 mm 3 pin stereo jack male 90° LVTTL (3.3 V)

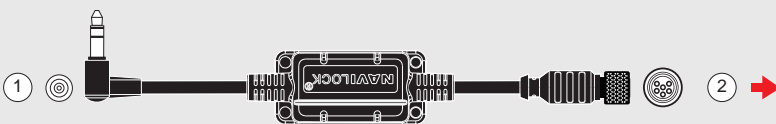
Chipset: ASIX ZT3221LEEY

black

1.2 m

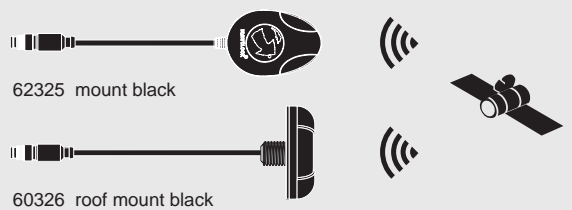


CE



① 3.5 mm 3 pin stereo jack male 90° ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
unidirectional



for
M8 GNSS receiver

Connection Cable M8 female serial waterproof > 3.5 mm 4 pin stereo jack male 90° LVTTL (3.3 V)

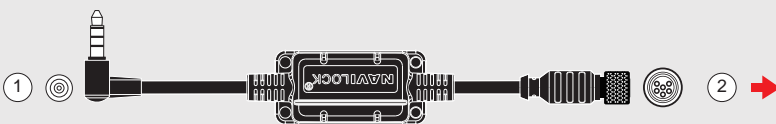
Chipset: ASIX ZT3221LEEY

black

1.2 m

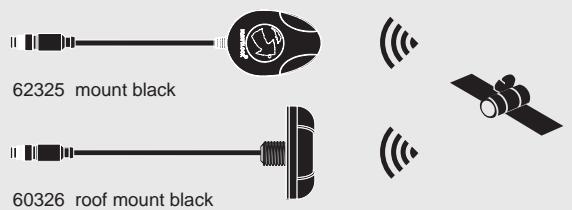


CE



① 3.5 mm 4 pin stereo jack male 90° ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
bi-directional



for
M8 GNSS receiver

Connection Cable M8 female serial waterproof > 5 x open wire LVTTL (3.3 V)

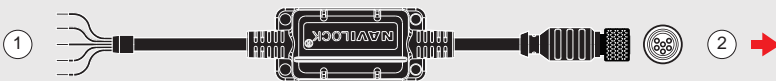
Chipset: ASIX ZT3221LEEY

black

1.2 m

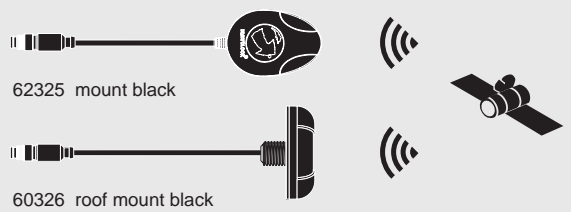


CE



① 5 pin open wire ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
bi-directional



for
M8 GNSS receiver

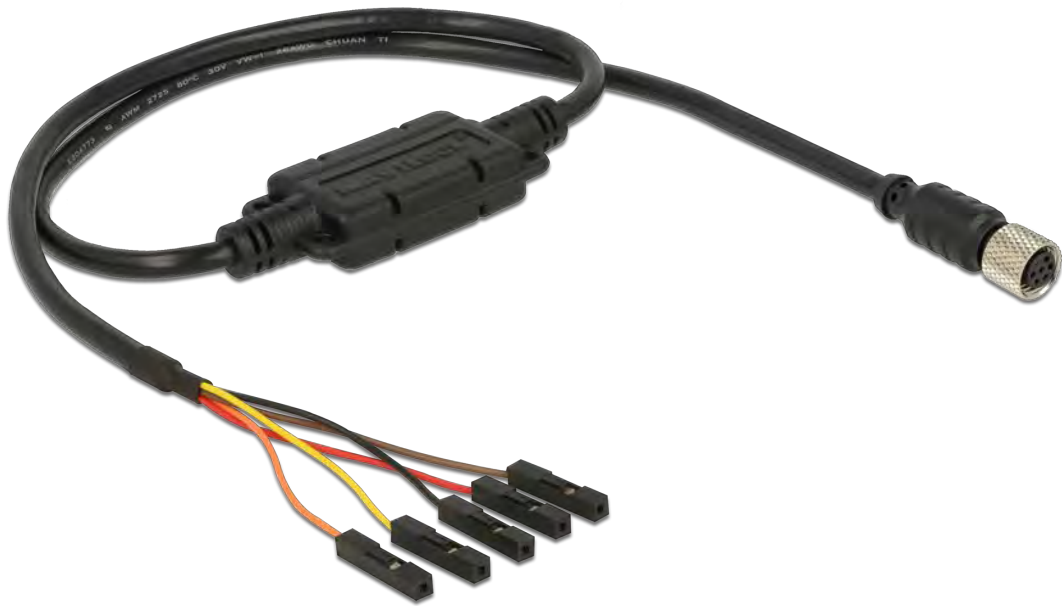
Connection Cable M8 female serial waterproof > 5 x 1 pin pin header, pitch 2.54 mm LVTTTL (3.3 V)

Chipset: ASIX ZT3221LEEY

Pitch: 2.54 mm

black

1.2 m

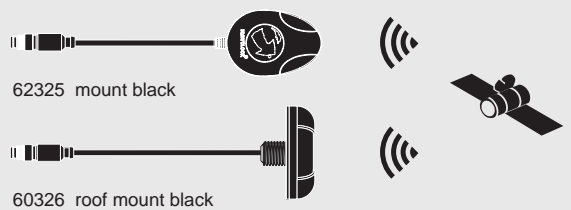


CE



① 5 pin female pin header ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Voltage
3.3 V



Cable gauge
28 AWG



data transfer
bi-directional



for
M8 GNSS receiver

Connection Cable M8 female serial waterproof > USB Type-C™ 2.0 male

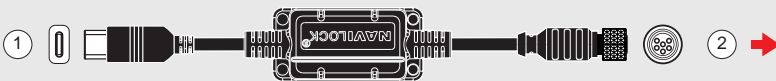
Chipset: Prolific PL2303TA

black

1.2 m

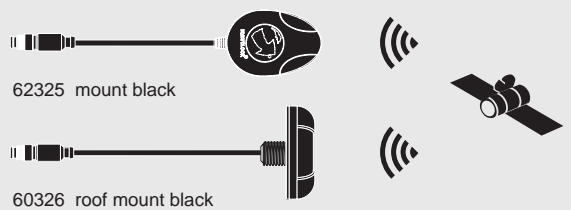


CE



① USB Type-C™ 2.0 male ② M8 female

Navilock M8 GNSS Receiver



Connection Cable M8 female serial waterproof > Micro USB OTG male

Chipset: Prolific PL2303TA

black

1.2 m

OTG

PATENTED

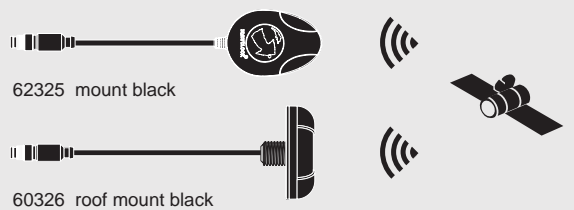


CE



① USB Type Micro-B male ② M8 female

Navilock M8 GNSS Receiver



Connection Cable M8 female serial waterproof > USB 2.0 Type Mini-B male

Chipset: Prolific PL2303TA

black

1.2 m

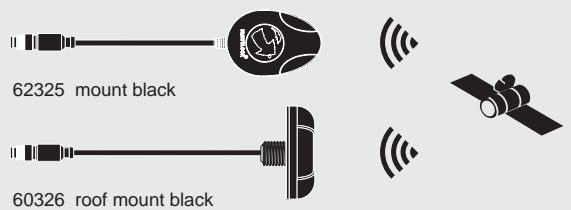


CE



① USB 2.0 Type Mini-B male ② M8 female

Navilock M8 GNSS Receiver



Connection Cable M8 female serial waterproof > USB 2.0 Type A male

Chipset: Prolific PL2303TA

black

1.2 m



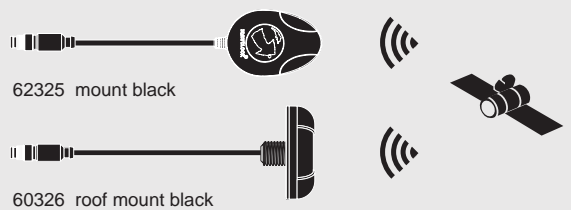
CE



① USB 2.0 Type A male

② M8 female

Navilock M8 GNSS Receiver



Extensions cable M8 male > M8 female waterproof for M8 GNSS receiver

black

1 m

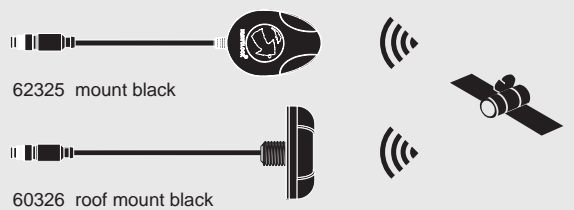


- 62971 | 1 m
- 62972 | 2 m
- 62973 | 3 m
- 62974 | 5 m
- 62975 | 10 m



① M8 male ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Cable gauge
28 AWG



for
M8 GNSS receiver

Extensions cable M8 male > M8 female waterproof for M8 GNSS receiver

black

2 m

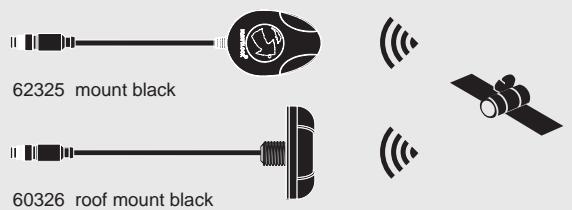


- 62971 | 1 m
- 62972 | 2 m
- 62973 | 3 m
- 62974 | 5 m
- 62975 | 10 m



① M8 male ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Cable gauge
28 AWG



for
M8 GNSS receiver

Extensions cable M8 male > M8 female waterproof for M8 GNSS receiver

black

3 m

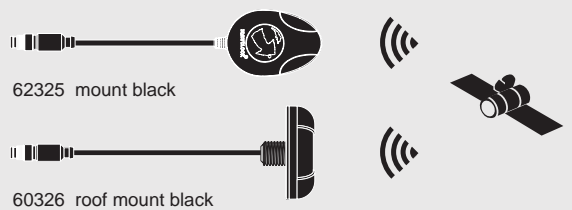


- 62971 | 1 m
- 62972 | 2 m
- 62973 | 3 m
- 62974 | 5 m
- 62975 | 10 m



① M8 male ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Cable gauge
28 AWG



for
M8 GNSS receiver

Extensions cable M8 male > M8 female waterproof for M8 GNSS receiver

black

5 m

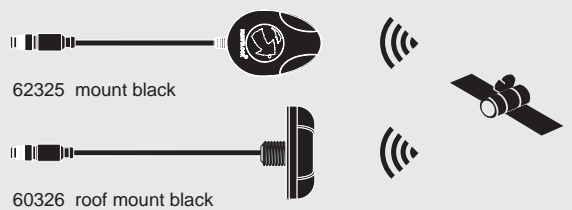


- 62971 | 1 m
- 62972 | 2 m
- 62973 | 3 m
- 62974 | 5 m
- 62975 | 10 m



① M8 male ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Cable gauge
28 AWG



for
M8 GNSS receiver

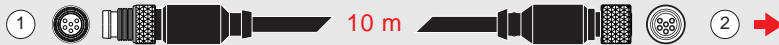
Extensions cable M8 male > M8 female waterproof for M8 GNSS receiver

black

10 m

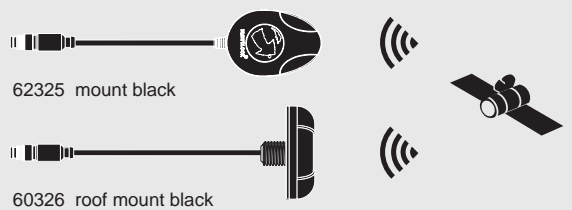


- 62971 | 1 m
- 62972 | 2 m
- 62973 | 3 m
- 62974 | 5 m
- 62975 | 10 m



① M8 male ② M8 female

Navilock M8 GNSS Receiver



connector
Waterproof



Cable gauge
28 AWG

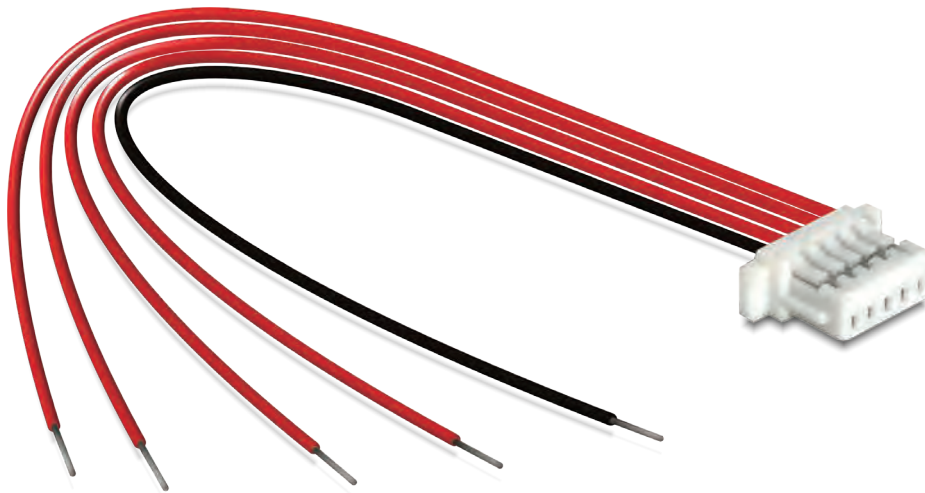


for
M8 GNSS receiver

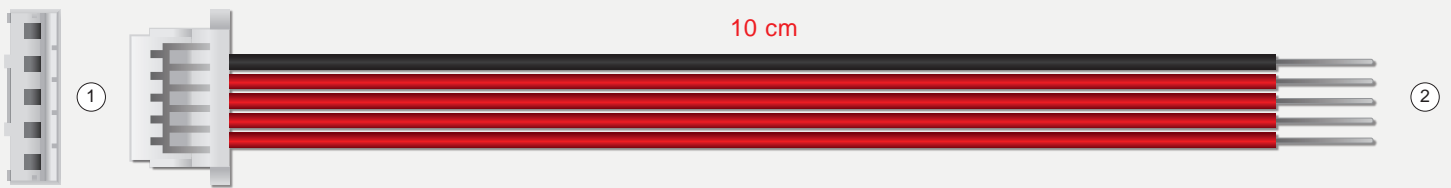
Connection Cable 5 pin for module

The cable must be in your application are USB 2.0 compliant shielded and twisted!

10 cm



CE FC



① 5 pin female > ② open cable wires



Manufacturer of connector
ACES 87214 – 0500



Length:
ca. 10 cm



WTB wire to
board connector