



MOBILE ANTENNAS

FLEETMANAGEMENT AND RELIABLE COMMUNICATION

Antennas for the harsh environment met in professional vehicles, being trucks, busses, construction machinery or agricultural machinery.

Thanks to state-of-the-art antenna systems, you can always be in contact with both the vehicle and the staff operating the vehicle. You can determine the position, status and surroundings to initiate prompt reactions if required.

SCAN Antenna has a wide portfolio of antennas for VHF, UHF and GNSS. Including but not limited to 2G/3G/4G/5G and TETRA.



ROOF MOUNTS (M6)

Mobile mounts for roof installations



SX-Mount

Strong and reliable universal mount for roof, trunk and wing mounting.

Tilt/rotate in all directions.

It accepts antenna whips with external M5 threaded stud or with internal M6 thread (by use of the supplied M5/M6 threaded adapter)

| | |
|--------------------|---|
| Frequency | 0 – 1000 MHz |
| Mounting | Bolt-on (from inside or outside) Mounting from inside Ø13 mm Mounting from outside: Ø19mm |
| Height above roof | 46 mm |
| Connector | Fixed cable – FME-male |
| Ingress protection | IP65 (when mounted) |
| Color | Black |

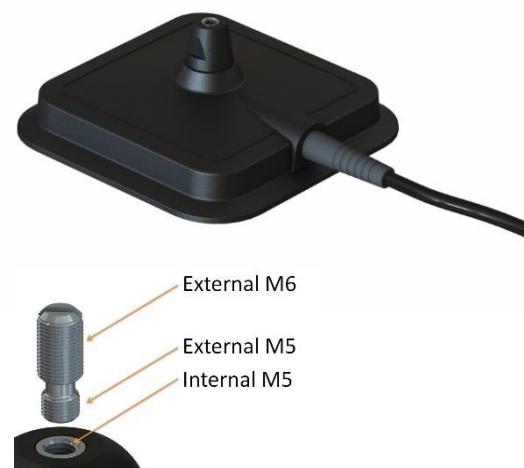
| | SX-Mount 0.1m | SX-Mount 5m |
|-----------------|---------------|-------------|
| Item no. | 46 500 | 46 515 |

MultiMag-Mount

Very strong mobile magnet mount for roof mounting of all antenna whips supplied with either external M5 threaded stud (G-Mount types) or internal M6 thread (SX-Mount types).

Low profile design and very strong.

| | |
|--------------------|-------------------------------|
| Frequency | 0 – 1000 MHz |
| Mounting | Magnet |
| Height above roof | 40 mm |
| Connection | Fixed cable 3.5m – FME-female |
| Ingress protection | IP65 (when mounted) |
| Dimensions | 104 x 104 mm |
| Color | Black |



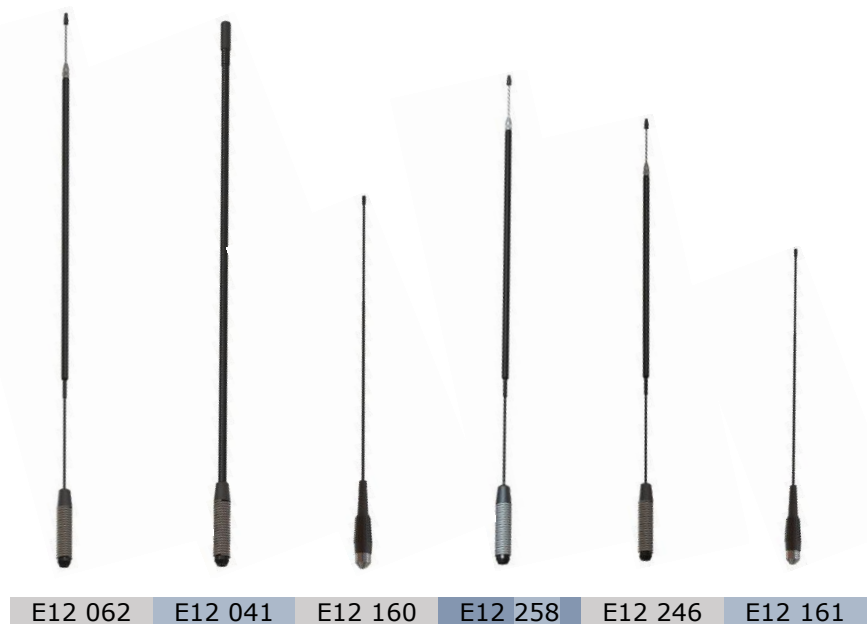
| | MultiMag-E (M5/M6) |
|-----------------|--------------------|
| Item no. | E16 045 |

ANTENNA WHIPS E-SERIES (M6)

Following antenna whip series E12 xxx (M6) can be used together with the SX-mount and MultiMag.

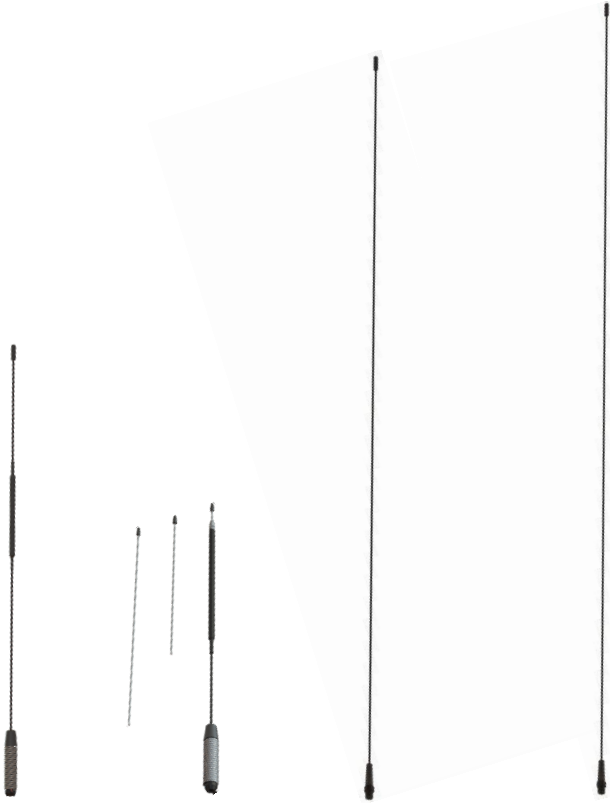
| Model | Frequency | Gain dBd | Length (mm) | Item no. |
|---------------------|-------------------------|----------|-------------|----------|
| E27DKF 0 dB | 26.5 – 27.5 MHz (CB) | 0 | 570 | E12 062 |
| ET27 5/8F 0 dB | 26.5 – 27.5 MHz (CB) | 0 | 570 | E12 041 |
| PTBL27 0 dB Flex | 26.5 – 27.5 MHz (CB) | 0 | 400 | E12 160 |
| E30DKF 0 dB | 30 – 31 MHz | 0 | 540 | E12 258 |
| E40DKF 0 dB | 40 – 41 MHz | 0 | 485 | E12 246 |
| PTBL40 0 dB Flex | 40 – 41 MHz (HF) | 0 | 375 | E12 161 |
| E65-75DKF 0 dB | 65 – 75 MHz (4m) | 0 | 540 | E12 300 |
| E66-88DKF 0 dB | 66 – 88 MHz (4m) | 0 | 560 | E12 247 |
| E68 0 dB Rigid | 68 MHz (4m) | 0 | 1110 | E12 265 |
| E60-300 0 dB Rigid | 60 - 300 MHz (4m) | 0 | 1240 | E12 075 |
| E135-185 0 dB Flex | 135 – 185 MHz (2m) | 0 | 500 | E12 296 |
| E135-300F 0 dB | 135 – 300 MHz (2m) | 0 | 570 | E12 254 |
| E135-300 0 dB Rigid | 135 – 300 MHz (2m) | 0 | 515 | E12 044 |
| E390 3 DB OC | 380 – 400 MHz | 3 | 680 | E12 243 |
| E420 3 dB OC | 406 – 430 MHz | 3 | 635 | E12 170 |
| E450 3DB OC | 445 – 470 MHz | 3 | 565 | E12 067 |
| E390-510 3DB | 380 – 510 MHz (tunable) | 3 | 675 | E12 252 |

*Antenna whips comes in bag but can be ordered as bulk. If you put IP behind item no (example E12 xxx **IP**).



ANTENNA WHIPS E-SERIES (M6)

Following antenna whip series E12 xxx (M6) can be used together with the SX-mount and MultiMag.

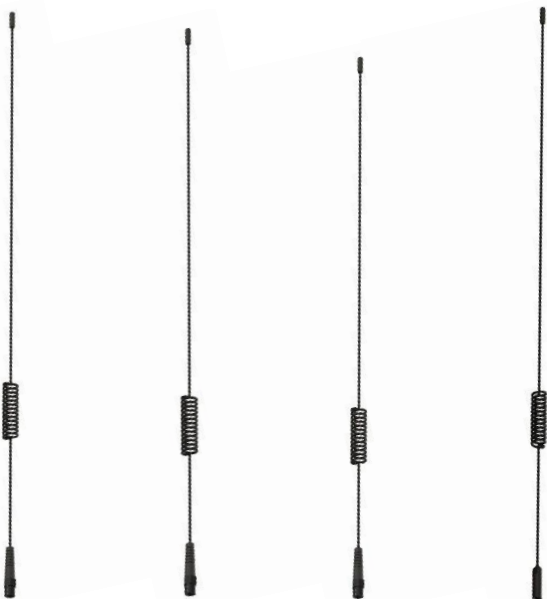


E12 300

E12 247

E12 265

E12 075

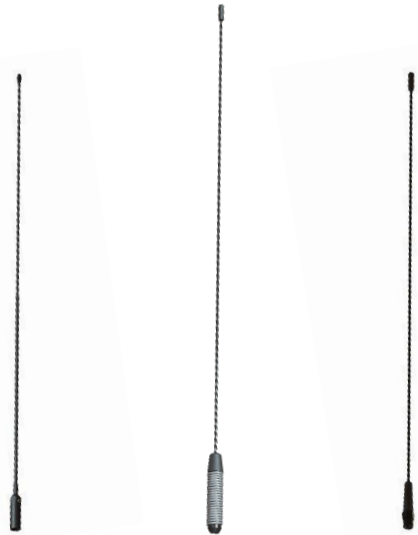


E12 243

E12 170

E12 067

E12 252



E12 296

E12 254

E12 044



ROOF MOUNTS (M5)



G-Mount

Mobile mount for roof mounting of antenna whips supplied with external M5 threaded stud.

It can be mounted from the inside or from the outside.

The antenna whip is tiltable 15° in all directions by bending the top section.

| | |
|--------------------|---|
| Frequency | 0 – 2500 MHz |
| Mounting | Bolt-on (from inside or outside) Mounting from inside Ø13 mm Mounting from outside: Ø19mm |
| Height above roof | 30 mm |
| Connection | Fixed cable |
| Ingress protection | IP65 (when mounted) |
| Color | Black |

| | | |
|-----------------|--------------------------|----------------------------|
| | G-Mount 0.15m + FME-male | G-Mount 0.15m + SMA-Female |
| Item no. | G16 060 | 46 062 |

CombiSat-Mount

Roof mounted universal antenna base with built-in active GNSS antenna. The base accepts mobile antenna whips with external M5 threaded stud. M5/M6-adapter for optionally mounting of antenna whips with internal M6 thread is supplied

| | |
|--------------------|--|
| Frequency | 0 – 2500 MHz (whip) / 1561.1-1605.4 MHz (GNSS) |
| Mounting | Bolt-on from inside / Mounting hole Ø18-22mm |
| Connector External | FME-male (black) |
| Connector2 GNSS | FME-male (blue) |
| Ingress protection | IP65 (when mounted) |
| Color | Black |



| | | |
|-----------------|----------------------|--------------------|
| | CombiSat-Mount 0.15m | CombiSat-Mount xxx |
| Item no. | G40 001 | G40 xxx (others) |



TetraSat-Mount

Roof mounted universal 4-band antenna base with tilt function and built-in active GNSS antenna and dual-band GSM/GPRS antenna. The base accepts mobile antenna whips (0-1000 MHz) with external M5 threaded stud or internal M6 thread (by use of the supplied M5/M6 threaded adapter)

| | |
|---------------------|---|
| Frequency | 0 – 1000 MHz (whip) / 1561.1-1605.4 MHz (GNSS) 870 - 960 MHz, 1710 - 1880 MHz (built in) |
| Mounting | Bolt-on from inside / Mounting hole Ø14-22mm |
| Connector GNSS | SMA-Female (blue) |
| Connector2 GSM | SMA-female (Red) |
| Connector3 External | FME-male (black) |
| Ingress protection | IP65 (when mounted) |
| Color | Black |

| | | |
|-----------------|---------------|------------------|
| | SX-Mount 0.1m | SX-Mount 5m |
| Item no. | G40 630 | G40 6xx (others) |

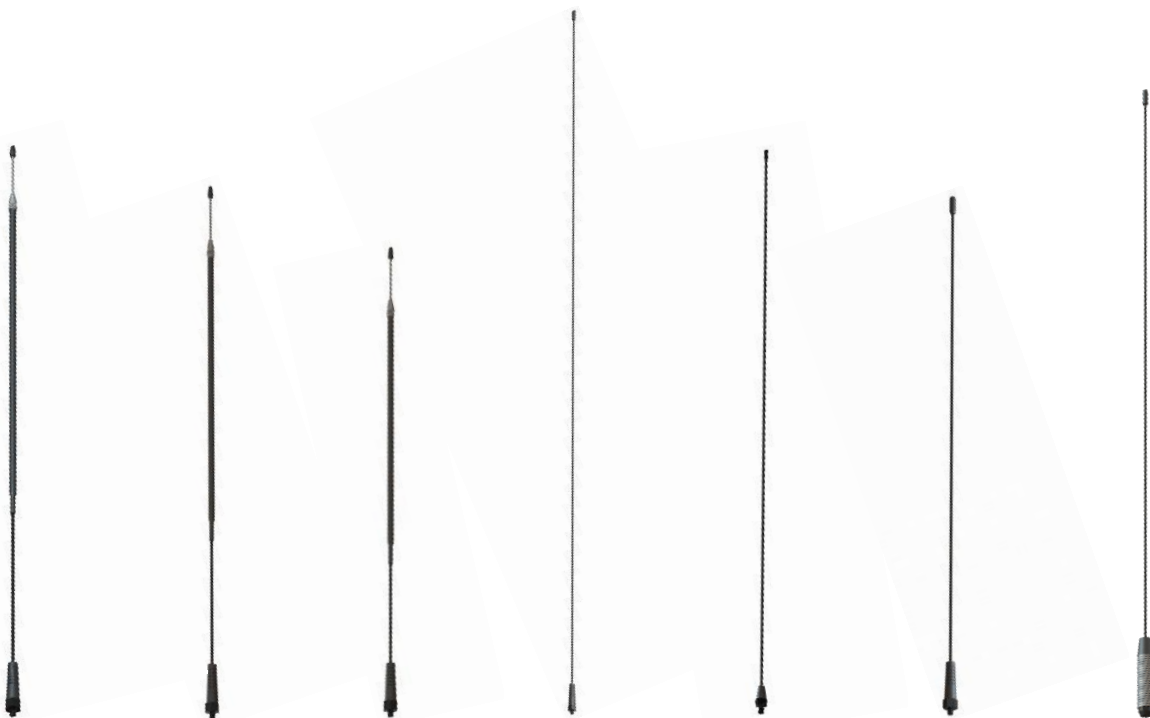
ANTENNA WHIPS G-SERIES (M5)

Following antenna whip series G12 xxx (M5) can be used together with the G-mount & CombiSat, TetraSat and MultiMag (up to 1000 MHz antenna whips).

| Model | Frequency | Gain | Height | Item no. |
|----------------------|-----------------------------|-------|----------|------------|
| G27DKF 1/4 | 26.5 – 27.5 MHz (CB) | 0 dBd | 570 mm | G12 080 |
| G30DKF 1/4 | 30 – 31 MHz | 0 dBd | 500 mm | G12 081 |
| G40DKF 1/4 | 40 – 41 MHz | 0 dBd | 430 mm | G12 082 |
| G30-300 0 dB | 60 - 300 MHz (4m) | 0 dBd | 1235 mm* | G12 060 |
| G135-195 0 dB | 135 – 195 MHz (2m) | 0 dBd | 525 mm* | G12 052 |
| G135-300 0 dB Rigid | 135 – 300 MHz (2m) | 0 dBd | 510 mm* | G12 050 |
| G135-300F 0 dB Rigid | 135 – 300 MHz (2m) | 0 dBd | 700 mm* | G12 051 |
| G400 0 dB M-FLEX | 380 – 430 MHz (TETRA) | 0 dBd | 173 mm | G12 018 |
| G414 0 dB M-FLEX | 414 MHz (50 MHz bandwidth) | 0 dBd | 162 mm | G12 017 |
| G419 0 dB M-FLEX | 419 MHz (50 MHz bandwidth) | 0 dBd | 159 mm | G12 016 |
| G450 0 dB M-FLEX | 420 – 470 MHz (PMR) | 0 dBd | 155 mm | G12 019 |
| G395 3 dB OC | 380 – 410 MHz (TETRA) | 3 dBd | 665 mm | G12 021 |
| G420 3 dB OC | 410 – 435 MHz (TETRA) | 3 dBd | 630 mm | G12 032 |
| G435 3 dB OC | 435 – 455 MHz (PMR) | 3 dBd | 565 mm | G12 036 |
| G450 3 dB OC | 450 – 470 MHz (PMR) | 3 dBd | 550 mm | G12 042 |
| G380-470 3 dB | 380 – 470 MHz (tunable) | 3 dBd | 680 mm * | G12 039 |
| G1800 3 dB FLEX | 1710 – 1880 MHz | 3 dBd | 115 mm | G12 002 |
| G1900 3 dB FLEX | 1850 – 1990 MHz | 3 dBd | 115 mm | G12 005 |
| G-UMTS 3 dB FLEX | 1920 – 2170 MHz (UMTS) | 3 dBd | 90 mm | G12 151 |
| G2400 0 dB FLEX | 2400 – 2500 MHz (WLAN, ISM) | 0 dBd | 68 mm | G12 090 |
| G900-1800 0 dB FLEX | 890-960 / 1710-1880 MHz | 0 dBd | 68 mm | G12 070 |
| G900-1800 0 dB POM | 890-960 / 1710-1880 MHz | 0 dBd | 43 mm | G12 070POM |

Antenna whips comes in bag but can be ordered as bulk. If you put IP behind item no (example G12 xxx **IP**).

*Before cutting



G12 080

G12 081

G12 082

G12 060

G12 052

G12 050

G12 051

ANTENNA WHIPS G-SERIES (M5)



G12 018 G12 017 G12 016 G12 019 G12 021 G12 032 G12 036 G12 042 G12 039



G12 002 G12 005 G12 151 G12 090 G12 070 G12 070 POM

MOUNT FOR NON-CONDUCTIVE SURFACE MOUNTING



NG-Mount

Mobile roof mount with integrated coaxial FME-male connector for non-conductive surface mounting of 1/2 λ portable antenna whips with FME-female connector

NOTE: Not suitable for 1/4 λ antenna whips unless sufficient ground plane is being provided!

Coaxial FME-male connection to antenna whip

| | |
|--------------------|-------------------------------------|
| Frequency | 0 – 2500 MHz |
| Mounting | Bolt-on (from inside or outside) |
| Mounting place | On non-conductive vehicle roof etc. |
| Height above roof | 30 mm |
| Connection | Fixed cable |
| Ingress protection | IP65 (when mounted) |
| Color | Black |

| | | | | |
|-----------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|
| | NG-Mount 1.5m + FME-female | NG-Mount 3m + FME-female | NG-Mount 4m + FME-female | NG-Mount 5m + FME-female |
| Item no. | 16 137 | 16 090 | 16 104 | 16 136 |

Following 1/2 λ portable antennas with FME-female connector can be used on NG-Mount.

| Model | Frequency | Gain | Height | Item no. |
|----------------------|--|-------|--------|----------|
| PT390 1/2 (FME) | 380 – 410 MHz | 0 dBd | 475 mm | 14 140 |
| PT420 1/2 (FME) | 400 – 430 MHz | 0 dBd | 430 mm | 14 079 |
| PT435 1/2 (FME) | 420 – 450 MHz | 0 dBd | 405 mm | 14 070 |
| PT450 1/2 (FME) | 440 – 470 MHz | 0 dBd | 390 mm | 14 026 |
| PT900 1/2 (FME) | 860 – 960 MHz | 0 dBd | 180 mm | 14 017 |
| PT920 1/2 (FME) | 880 - 960 / 1710 – 1880 / 1850 - 1990 / 1920 - 2170 MHz | 0 dBd | 170 mm | 14 420 |
| PT1900 1/2 (FME) | 1850 – 1990 MHz | 0 dBd | 110 mm | 14 225 |
| PT-UMTS 1/2 (FME) | 1920 – 2170 MHz | 0 dBd | 110 mm | 14 706 |
| PT800/1900 1/2 (FME) | 824-894 / 1850-1990 MHz | 0 dBd | 170 mm | 14 230 |

Antennas comes in bag but can be ordered as bulk. If you put IP behind item no (example 14 xxx **IP**).



| | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 14 140 | 14 079 | 14 070 | 14 026 | 14 017 | 14 420 | 14 225 | 14 706 | 14 230 |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|

PUCK ANTENNA - Extendr®



Extendr® 1 (2G/3G/4G)

Rugged tamper-proof multiband antenna combining all major cellular bands. The antenna is ideal for IoT and M2M applications providing a stable connection in critical areas. The Extendr® antenna family offers multiple mounting options. The antenna is offered with customer specified cables and connectors.

| | |
|--------------------|---|
| Frequency | 790 – 2690 MHz (GSM/UMTS/LTE) |
| Mounting | Through hole, Adhesive or Magnetic Mounting |
| Height above roof | 46 mm |
| Diameter | 111 mm |
| Connection | Fixed cable 1.5m SMA-male |
| Ingress protection | IP67 |

Extendr® 2 (2G/3G/4G+GNSS)

Rugged tamper-proof multiband antenna combining all major cellular bands and 4 GNSS applications. The antenna is ideal for fleet management, IoT and M2M applications providing a stable connection in critical areas. The Extendr® antenna family offers multiple mounting options. The antenna is offered with customer specified cables and connectors.

| | |
|--------------------|---|
| Frequency | 790 – 2690 MHz (GSM/UMTS/LTE) 1561.1 – 1605.4 MHz (GNSS) |
| Mounting | Through hole, Adhesive or Magnetic Mounting |
| Height above roof | 46 mm |
| Diameter | 111 mm |
| Connection1 LTE | Fixed cable 1.5m SMA-male (RED) |
| Connection2 GNSS | Fixed cable 1.5m SMA-male (BLUE) |
| Ingress protection | IP67 |



Extendr® 3 (2G/3G/4G+GNSS+WiFi)

Rugged tamper-proof multiband antenna combining all major cellular bands, all Wi-Fi bands and 4 GNSS applications. The antenna is ideal for fleet management, IoT and M2M applications providing a stable connection in critical areas. The Extendr® antenna family offers multiple mounting options. The antenna is offered with customer specified cables and connectors.

| | |
|--------------------|---|
| Frequency | 790 – 2690 MHz (GSM/UMTS/LTE) 1561.1 – 1605.4 MHz (GNSS) 2400 – 2495 MHz / 4910 – 5925 MHz (WiFi) |
| Mounting | Through hole, Adhesive or Magnetic Mounting |
| Height above roof | 46 mm |
| Diameter | 111 mm |
| Connection1 LTE | Fixed cable 1.5m SMA-male (RED) |
| Connection2 GNSS | Fixed cable 1.5m SMA-male (BLUE) |
| Connection2 Wi-Fi | Fixed cable 1.5m SMA-male (BLACK) |
| Ingress protection | IP67 |

| Mounting | Extendr 1 | Extendr 2 | Extendr 3 |
|--------------|-----------|-----------|-----------|
| Through hole | 48011-001 | 48012-001 | 48013-001 |
| Adhesive | 48021-001 | 48022-001 | 48023-001 |
| Magnetic | 48031-001 | 48033-001 | 48033-001 |

Antennas are packed in bag but can be ordered as bulk. If you put xxxxx-**000** instead of xxxxx-001.

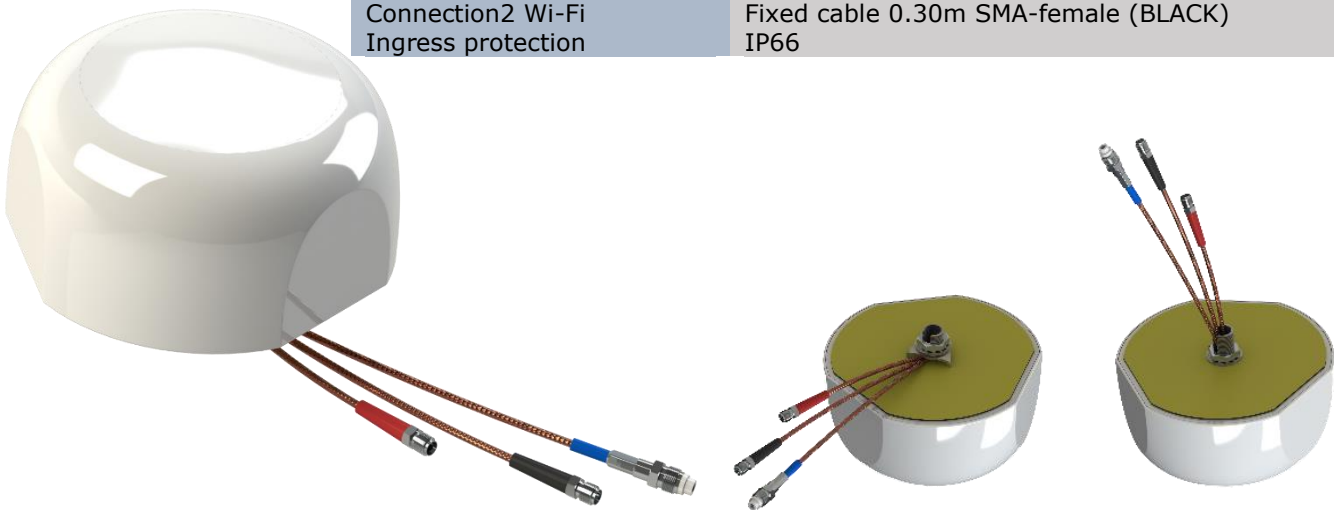
DOME ANTENNA - Commutr®

Commutr® (2G73G/4G+GNSS+WiFi)

Full Omni-Directional multiband antenna for through-hole roof mounting. Especially made for demanding mobile communication applications on trucks and buses.

- 10 BANDS IN ONE INSTALLATION (LTE/GSM/UMTS/WLAN/GNSS)
- LOW PROFILE DESIGN
- ACTIVE GNSS ANTENNA
- WIDE RANGE OF EXTENSION CABLES AVAILABLE (NOT INCLUDED)

| | |
|--------------------|---|
| Frequency | 790 – 2690 MHz (GSM/UMTS/LTE) 1561.1 – 1605.4 MHz (GNSS) 2412 – 2484 MHz / 4915 – 5825 MHz (WiFi) |
| Mounting | Bolt-on with adhesive tape for effective sealing |
| Height above roof | 61.5 mm |
| Diameter | 124 mm |
| Connection1 LTE | Fixed cable 0.20m SMA-female (RED) |
| Connection2 GNSS | Fixed cable 0.25m FME-female (BLUE) |
| Connection2 Wi-Fi | Fixed cable 0.30m SMA-female (BLACK) |
| Ingress protection | IP66 |



| Model | Item no. | Kit |
|---------------------|-----------|----------------------------------|
| Commutr Antenna | 48003-001 | Antenna |
| Commutr kit-06 (5m) | 48003-011 | Antenna + 3x extension 5m cables |
| Commutr kit-07 (3m) | 48003-021 | Antenna + 3x extension 3m cables |



LOW PROFILE TAMPER-PROOF ANTENNAS



TeleSat-5 (2G/3G/4G)

Heavy duty Omni-Directional 5-BAND antenna for through-hole roof mounting on trucks, trailers etc. Low profile design.

| | |
|------------------------------|---|
| Frequency | 790 – 2690 MHz (GSM/UMTS/LTE) |
| Mounting | Bolt-on with adhesive for effective sealing |
| Height above roof / Diameter | 16 mm / Ø 92 mm |
| Connection | Fixed cable 0.15m SMA-female |
| Ingress protection | IP67 |

TeleSat-6 (2G/3G+GNSS)

Heavy duty Omni-Directional 6-BAND antenna including built-in active GNSS antenna for tracking and navigation purpose. Through-hole roof mounting on trucks, trailers etc. Low profile design.

| | |
|------------------------------|--|
| Frequency | 824 – 2170 MHz (GSM/UMTS) / 1561.1 – 1605.4 MHz (GNSS) |
| Mounting | Bolt-on with adhesive for effective sealing |
| Height above roof / Diameter | 16 mm / Ø 92 mm |
| Connection (GSM/UMTS) Red | Fixed cable 0.15m SMA-female (other types available) |
| Connection2 (GNSS) Blue | Fixed cable 0.20m FME-female (other types available) |
| Ingress protection | IP67 |



TeleSat-7 (2G/3G+WLAN+GNSS)

Heavy duty Omni-Directional 7-BAND antenna including active GNSS antenna for through-hole roof mounting on trucks, trailers etc. including full 1/4 external WLAN whip antenna for optimum radiation performance. Low profile design.

| | |
|------------------------------|---|
| Frequency | 824 – 2170 MHz (GSM/UMTS/LTE) / 2310 – 2485 MHz (WLAN) / 1561.1 – 1605.4 MHz (GNSS) |
| Mounting | Bolt-on with adhesive for effective sealing |
| Height above roof / Diameter | 16 mm / Ø 92 mm |
| Connection (GSM/UMTS) Red | Fixed cable 0.15m SMA-female (other types available) |
| Connection2 (WLAN) Black | Fixed cable 0.17m SMA-female (other types available) |
| Connection3 (GNSS) blue | Fixed cable 0.20m FME-female (other types available) |
| Ingress protection | IP67 |

TeleSat-8 (2G/3G+WiFi+GNSS)

Heavy duty Omni-Directional 8-BAND antenna with built-in active GNSS antenna for through-hole roof mounting on trucks, trailers etc. Low profile design.

| | |
|------------------------------|---|
| Frequency | 824 – 2170 MHz (GSM/UMTS) / 1561.1 – 1605.4 MHz (GNSS) / 2400 – 2485 MHz / 4915 – 5825 MHz (WiFi) |
| Mounting | Bolt-on with adhesive for effective sealing |
| Height above roof / Diameter | 16 mm / Ø 92 mm |
| Connection (GSM/UMTS) Red | Fixed cable 0.15m SMA-female (other types available) |
| Connection2 (WLAN) Black | Fixed cable 0.17m SMA-female (other types available) |
| Connection3 (GNSS) blue | Fixed cable 0.20m FME-female (other types available) |
| Ingress protection | IP67 |



| Model | Item no. |
|-----------|----------|
| TeleSat-5 | 45 500 |
| TeleSat-6 | 45 600 |
| TeleSat-7 | 45 700 |
| TeleSat-8 | 45 800 |

Antennas comes in bag but can be ordered as bulk. If you put IP behind item no (example 45 xxx **IP**).

Low profile mobile antennas for in-car, body mount, on-glass, through hole, etc.



TeleSat-5S (2G/3G)

Heavy duty Omni-Directional 5-BAND antenna for roof mounting on trucks, trailers etc. Low profile design.

| | |
|------------------------------|---|
| Frequency | 824 – 2170 MHz (GSM/UMTS) |
| Mounting | Adhesive |
| Height above roof / Diameter | 16 mm / Ø 92 mm |
| Connection | Fixed cable 2.5m FME-female (other types available) |

DOTCOM QUAD (2G/3G)

4-band self-adhesive linear patch antenna for in-car screen mounting. Low profile design.

| | |
|------------|---|
| Frequency | 870-960 MHz / 1710 – 2170 MHz (GSM/UMTS) |
| Mounting | Adhesive pad |
| Diameter | Ø 54 mm |
| Connection | Fixed cable 3m FME-female (other types available) |



MINI-DOTCOM DUAL (2G)

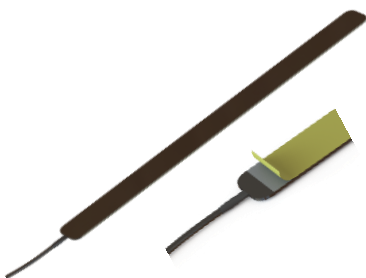
Dual frequency self-adhesive linear patch antenna for in-car screen mounting. Low profile design.

| | |
|------------|---|
| Frequency | 890-960 MHz / 1710 – 1880 MHz (GSM) |
| Mounting | Adhesive (on screen) |
| Diameter | Ø 33 mm |
| Connection | Fixed cable 2.5m FME-female (other types available) |

MINI-WLAN 2.4 (WLAN)

Self-adhesive dipole antenna for in-car screen mounting. Low profile design.

| | |
|---------------------------|---|
| Frequency | 2400 – 2500 MHz (WLAN 2.4, ISM) |
| Mounting | Adhesive (on screen) |
| Diameter | Ø 33 mm |
| Connection (GSN/UMTS) Red | Fixed cable 0.3m SMA-male (other types available) |



On-Glass TETRA

Mobile glass mounted 1/2 λ strip-line Tetra antenna. Mounted inside vehicles. Covert and tamper proof.

| | |
|---------------------------|---|
| Frequency | 380 – 430 MHz (TETRA) |
| Mounting | Adhesive (inside on screen) |
| Dimensions | 290 x 21.5 x 1.5 mm |
| Connection (GSN/UMTS) Red | Fixed cable 3m SMA-male (other types available) |

| Model | Item no. |
|------------------|-----------|
| TeleSat-5S | 45 500S |
| DOTCOM QUAD | 20 500 |
| MINI-DOTCOM DUAL | 20 700 |
| MINI-WLAN 2.4 | 80 001 |
| On-Glass TETRA | 45101-001 |

Antennas comes in bag but can be ordered as bulk. If you put IP behind item no (example xx xxx **IP**).

LOW PROFILE GNSS-ANTENNAS

GNSS-ANTENNAS (SAT-NAVIGATION)

Low-Profile GNSS-Antennas for satellite systems GLONASS, GPS, Galileo and BeiDou.
For navigation and tracking purpose.

| | |
|---------------------|---|
| Frequency | 1561.1 MHz, 1575.42 MHz, 1598.1 - 1605.4 MHz (GLONASS, GPS, Galileo & BeiDou) |
| Polarisation | RHC (Right hand Circular) |
| LNA Gain | 26 dB (28 dB Low power versions) |
| Supply voltage | 3-5.5V DC (low power versions 2-3V DC) |
| Current consumption | Approx. 20 mA (Low power version approx. 10 mA) |



SATFIX-1
14 140



SATFIX-2
14 210



SATFIX-1 (WHITE)
14 230 WIP



SATFIX-1 (PASSIVE)
14 236



SATFIX-1 (LOW POWER)
42 200



UNISAT (LOW POWER)
40 923



UNISAT
40 953



UNISAT (VELCRO)
40 953V



UNISAT (PASSIVE)
40 971



SATMAG
40 983



GNSS152-1
52 110



GNSS01
16001-000

| Model | Supply voltage | Mounting | Diameter | Item no. |
|----------------------|----------------|----------|-----------|------------|
| SATFIX-1 | 3-5.5V DC | Bolt-on | Ø 48 mm | 14 140 |
| SATFIX-2 | 3-5.5V DC | Bolt-on | Ø 47 mm | 14 201 |
| SATFIX-1 (WHITE) | 3-5.5V DC | Bolt-on | Ø 48 mm | 14 230 WIP |
| SATFIX-1 (PASSIVE) | | Bolt-on | Ø 48 mm | 14 236 |
| SATFIX-1 (LOW POWER) | 2-3V DC | Bolt-on | Ø 48 mm | 42 200 |
| UNISAT (LOW POWER) | 2-3V DC | Adhesive | Ø 38,5 mm | 40 923 |
| UNISAT | 3-5.5V DC | Adhesive | Ø 38,5 mm | 40 953 |
| UNISAT (VELCRO) | 3-5.5V DC | Velcro | Ø 38,5 mm | 40 953V |
| UNISAT (PASSIVE) | | Adhesive | Ø 38,5 mm | 40 971 |
| SATMAG | 3-5.5V DC | Magnet | Ø 38,5 mm | 40 983 |
| GNSS152-1 | 3-5.5V DC | On-Glass | Ø 51 mm | 52 110 |
| GNSS01 (BLACK) | 3-5.5V DC | Bolt-on | Ø 48 mm | 16001-000 |

CABLES, & CONNECTORS

We offer various solution of cable length with connectors.

CABLES



Cable insertion loss is very important to the antenna installation. Please choose your cable carefully.

| Cable type | Finish | Outer Diameter | Loss @ 450MHz | Loss @ 900MHz | Loss @ 1600MHz | Loss @ 1900MHz | Loss @ 2100MHz | Loss @ 2400MHz |
|------------|---------|----------------|---------------|---------------|----------------|----------------|----------------|----------------|
| | | [mm] | [dB/100m] | [dB/100m] | [dB/100m] | [dB/100m] | [dB/100m] | [dB/100m] |
| RG174/U | Plastic | 2.6 | 67 | 95 | 145 | 162 | 170 | 180 |
| RG316/U | Teflon | 2.5 | 60 | 85 | 120 | 135 | 142 | 150 |
| RG316D | Teflon | 3.0 | 60 | 85 | 120 | 135 | 142 | 150 |
| RG58C/U | Plastic | 5.0 | 38 | 55 | 80 | 88 | 93 | 100 |
| RG223 | Plastic | 5.5 | 35 | 52 | 74 | 80 | 84 | 90 |
| LTR195 | Plastic | 5.0 | 23 | 35 | 51 | 56 | 60 | 64 |
| LTR240 | Plastic | 6.1 | 17 | 25 | 34 | 37 | 40 | 43 |
| RG213/U | Plastic | 10.3 | 16 | 22 | 32 | 34 | 35 | 38 |
| LTR400 | Plastic | 10.3 | 8 | 12.5 | 18 | 19 | 20 | 22 |

CONNECTORS



BNC CONNECTORS



TNC CONNECTORS



N CONNECTORS



UHF CONNECTORS



SMA CONNECTORS



SMB CONNECTORS



MCX CONNECTORS



MMCX CONNECTORS



FME CONNECTORS



FAKRA CONNECTORS

SCAN Antenna is a long- established company and has many designs for customers.

We are a technology-focused company. Growth has come from our reputation for supplying quality products, and we provide effective and well documented manufacturing and quality control. We have modern Head Quarters and laboratories with the most advanced design, simulation, test & measurement tools.

SCAN Antenna supply for heavy duty use when connectivity is vital and truly matters.

*More than a million marine antennas have been produced at our factory.
That product line has primarily been under private label*

