



CELLULAR, WIFI & IOT ANTENNAS

In wireless you always need antennas **Multi-band, broadband & narrowband**

IoT (Internet of Things) is set to change our lives, both professionally and privately.

IIoT (Industrial Internet of Things) refers to interconnected sensors, instruments, and other devices networked together with computers' industrial applications, including, but not limited to, manufacturing and energy management.

Everything need to be connected to a solid network of base station antennas – you don't want the antenna to be the weakest link.

In battery driven applications it is of outmost importance, that your antenna is effective and transmit all energy and not just convert into heat.

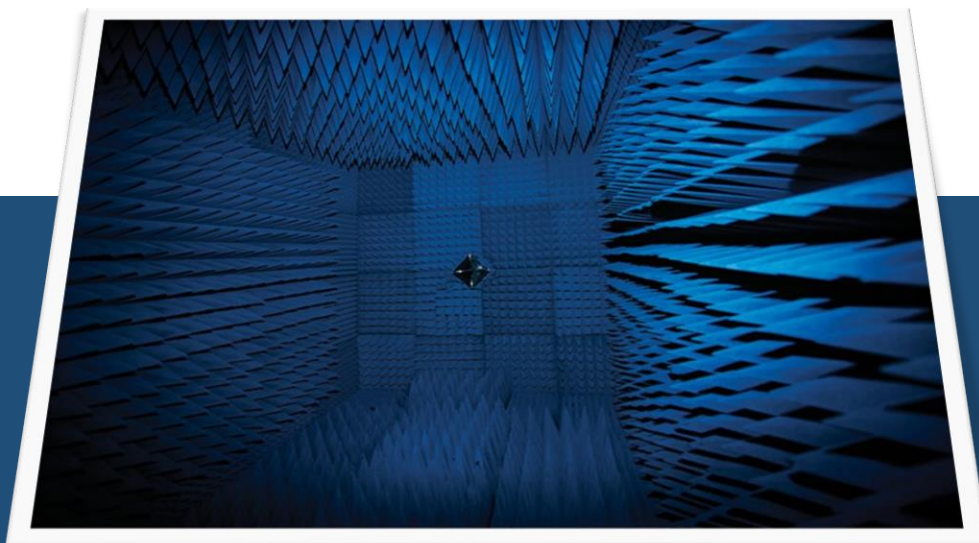
5G/5GNR 700/800/900/1500/1800/2100/2600/3500 MHz

4G/LTE 700/800/1800/1900/2600 MHz

3G/UMTS 700/800/900/2100 MHz

2G/GSM 850/900/1800/1900 MHz

WIFI/Wi-Fi 2.4 GHz/5.0 GHz



5G / 5GNR MULTIBAND ANTENNA



2-9 dBi UHF Omni-Directional

WAM5G (2G/3G/4G/5G)

Multiband antenna combining the cellular/mobile GSM(2G), UMTS(3G), LTE(4G), 5G(5GNR) and Wi-Fi frequencies e.g. for near cost vessels or land-based phone and Wi-Fi communication. Ideal for IOT and M2M applications.

Frequency	698 - 3800 MHz (GSM/UMTS/LTE/5GNR)
Power	40 Watt
Gain	0 - 7 dBd (2.15 - 9.15 dBi)
Mounting Type	pole or wall bracket (By N-connector)
Mounting Place	On Wall or Pole/Mast with external mounting bracket
Connector	N-female
Ingress protection	IP66
Length	457 mm
Survival wind speed	55 m/s (200km/h)
Operating temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)



IoT

GSM

PCS

UMTS



Model

Item no.

WAM5G Antenna - Bulk	40102-000
WAM5G Antenna - Polybag	40102-001
WAM5G Antenna + wall bracket - Polybag	40102-011
WAM5G Antenna + pole bracket - Polybag	40102-021



40102-021 KIT



40102-011 KIT

698 - 960 MHz

1500
MHz

1710 - 2170 MHz

2.3 - 2.5 GHz

2.5 - 2.7 GHz

3.3 - 3.8 GHz

5G
4G / LTE
IOT

GSM
900

5G

GSM
1700
1800

GSM
1900
PCS

3G -
UMTS
CDMA
WCDMA

4G
LTE

Wi-Fi

4G / LTE

5G

5G / 5GNR MULTIBAND ANTENNA



2-9 dBi UHF Omni-Directional – (G1"-11 thread)

UHF5G (2G/3G/4G/5G)

Multiband antenna combining the cellular/mobile GSM(2G), UMTS(3G), LTE(4G), 5G(5GNR) and Wi-Fi frequencies e.g. for near cost vessels or land-based phone and Wi-Fi communication. Ideal for IOT and M2M applications.

Frequency	698 - 3800 MHz (GSM/UMTS/LTE/5GNR)
Power	40 Watt
Gain	0 - 7 dBd (2.15 - 9.15 dBi)
Mounting Type	On 1" threaded pole or bracket (G1"-11 thread) with the supplied fixed Revolving Nut
Mounting Place	On mast
Connector	N-female
Ingress protection	IP66
Length	465 mm
Survival wind speed	55 m/s (200km/h)
Operating temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)



IoT

GSM

PCS

UMTS



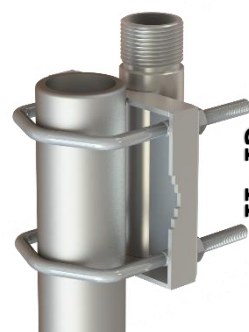
Model	Item no.
UHF5G Antenna - Bulk	14593-000
UHF5G Antenna - Polybag	14593-001
UHF5G Antenna - Carton tube	14593-002
UHF5G Antenna+ 1" Revolving Nut - Bulk	14593-430
UHF5G Antenna+ 1" Revolving Nut - Polybag	14593-431
UHF5G Antenna+ 1" Revolving Nut - Carton tube	14593-432



1" Revolving nut



Mast/Rail Mount HD



Mast / Rail Mount

698 – 960 MHz		1500 MHz	1710 – 2170 MHz			2.3 – 2.5 GHz	2.5 – 2.7 GHz	3.3 – 3.8 GHz
5G	GSM 900	5G	GSM 1700 1800	GSM 1900 PCS	3G - UMTS CDMA WCDMA	4G LTE	Wi-Fi	4G / LTE
								5G

4G / LTE MULTIBAND ANTENNA



2-9i dB LTE Omni-Directional

WAM4G (Wall-Antenna Multiband 2G/3G/4G)

Long range multiband antenna, ideal for IOT/M2M, cellular/mobile GSM(2G), UMTS(3G), LTE(4G) and WIFI low band communication.

High quality wall mounted antenna especially made for demanding IOT/M2M application

Frequency	790 - 2690 MHz (GSM/UMTS/LTE)
Power	40 Watt
Gain	0 – 7 dBd (2.15 – 9.15 dBi)
Mounting Place	On wall or pole
Connector	N-female
Ingress protection	IP66
Length	440 mm
Survival wind speed	55 m/s (200km/h)
Operating temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)



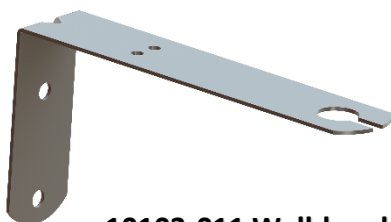
IoT



UMTS



Model	Item no.
WAM4G Antenna only – Bulk	40101-000
WAM4G Antenna only – Polybag	40101-001
WAM4G Antenna + Bracket – Polybag	40101-011
Wall Bracket - Polybag	10103-011
Mounting kit small (nut + washer) - Polybag	10000-501B



10103-011 Wall-bracket



10000-141 Pole mount

790 – 960 MHz		1710 – 2170 MHz			2.4– 2.5 GHz	2.5 – 2.7 GHz
4G /LTE IOT	GSM 900	GSM 1700 1800	GSM 1900 PCS	3G - UMTS CDMA WCDMA	Wi-Fi	4G / LTE

4G / LTE MULTIBAND ANTENNA



2-9 dBi LTE Omni-Directional – (G1"-11 thread)

UHF4G (2G/3G/4G)

Multiband antenna combining the cellular/mobile GSM(2G), UMTS(3G), LTE(4G) and WIFI frequencies e.g. for near cost vessels or land-based phone and WIFI communication.
Ideal for IOT and M2M applications.

Frequency	790 - 2690 MHz (GSM/UMTS/LTE)
Power	40 Watt
Gain	0 – 7 dBd (2.15 – 9.15 dBi)
Mounting Place	On mast or deck
Mounting	On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets
Connector	N-female
Ingress protection	IP66
Length	440 mm
Survival wind speed	55 m/s (200km/h)
Operating temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)



IoT

GSM

PCS

UMTS



Model

Item no.

UHF4G Antenna – Bulk	14493-000
UHF4G Antenna – Polybag	14493-001
UHF4G Antenna – Carton tube	14493-002
UHF4G Antenna+ 1" Revolving Nut – Polybag	14493-431
UHF4G Antenna+ 1" Revolving Nut – Carton tube	14493-433



10000-183 Mount



10000-133 Mount



10000-141 Mount

790 – 960 MHz

1710 – 2170 MHz

2.4 – 2.5 GHz

2.5 – 2.7 GHz

4G / LTE
IOT

GSM
900

GSM
1700
1800

GSM
1900
PCS

3G -
UMTS
CDMA
WCDMA

Wi-Fi

4G / LTE

WIFI – DUALBAND ANTENNA



WIFI Omni-Directional – (G1"-11 thread)

WIFI2B9 (2.4/5.0 GHz)

Long range high gain dual band WIFI antenna designed for professional maritime use. Longer range and better signal quality. Covers all WIFI bands (2.4 GHz and 5 GHz).

Frequency	2400 - 2495 MHz, 4910 - 5925 MHz (IEEE 802.11 (WLAN) a/b/g/h/j/n/p/ac)
Power	10 Watt
Gain	5 dBd (7.15 dBi)
Mounting Type	On 1" threaded pole or bracket (G1"-11 thread) with the supplied fixed Revolving Nut
Connector	N-female
Ingress protection	IP66
Length	558 mm
Survival wind speed	55 m/s (200km/h)
Operating temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)

Model	Item no.
WIFI29B Antenna – Bulk	18001-000
WIFI29B Antenna – Polybag	18001-001
WIFI29B Antenna – Carton tube	18001-002
WIFI29B Antenna + 1" Revolving Nut – Bulk	18001-431
WIFI29B Antenna + 1" Revolving Nut – Polybag	18001-432

2400 - 2495 MHz	4910 – 5925 MHz
Wi-Fi 2.4	Wi-Fi 5.0



10000-183 Mount



10000-133 Mount



10000-173 Mount



10102-003 Mount

LTE/IOT ANTENNA

IoT

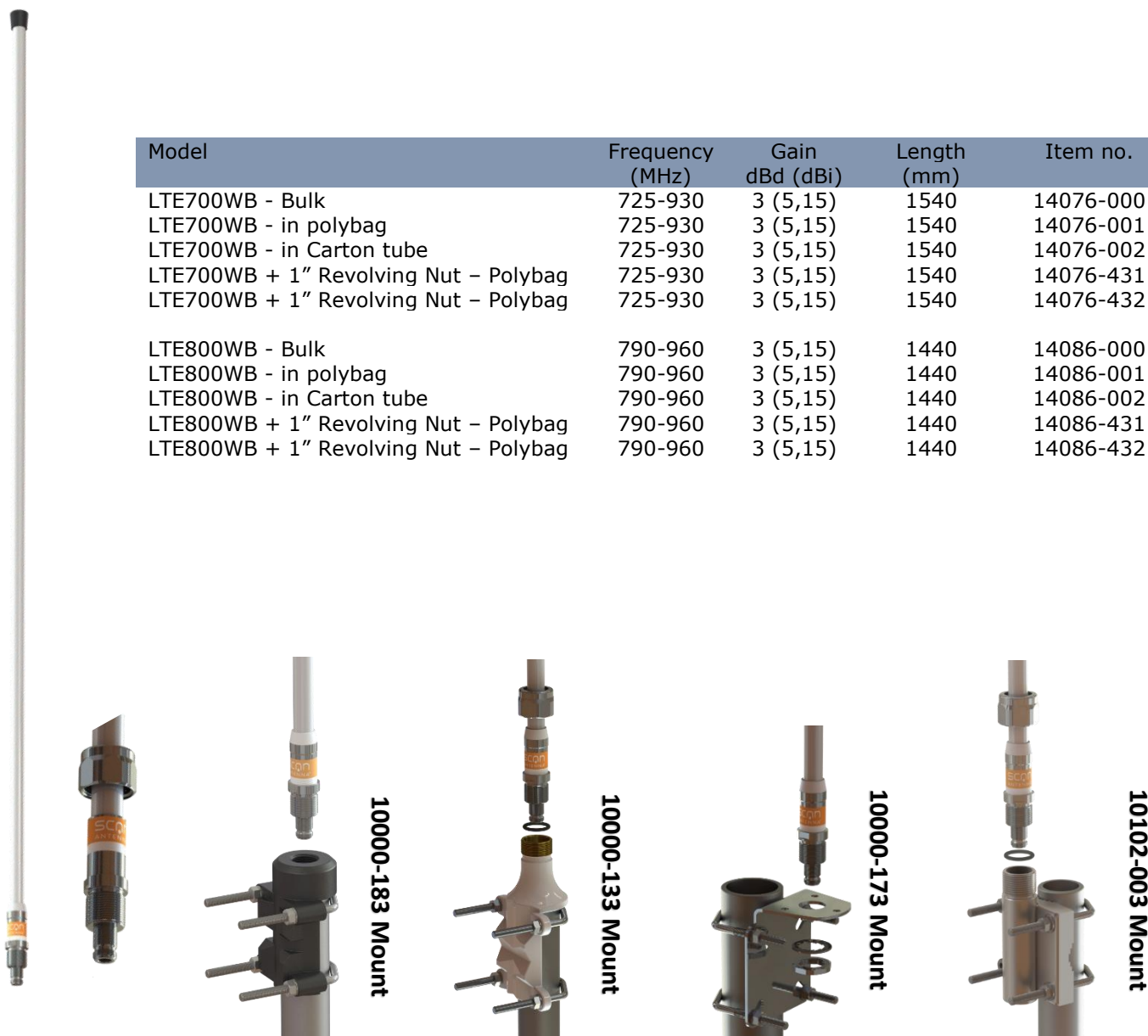
LTE Omni-Directional – (G1"-11 thread)

LTE700WB / LTE800WB

This wide-band high-gain antenna is developed for use in both maritime and land environments. The high gain design overcomes poor phone and data coverage in the mobile operator networks (LTE, UMTS & GSM), e.g. along cost lines and in rural areas.

Frequency	725 – 960 MHz
Power	200 Watt
Gain	3 dBd (5.15 dBi)
Mounting Type	On 1" threaded pole or bracket (G1"-11 thread) with the supplied fixed Revolving Nut
Connector	N-female
Ingress protection	IP66
Survival wind speed	55 m/s (200km/h)
Operating temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)

Model	Frequency (MHz)	Gain dBd (dBi)	Length (mm)	Item no.
LTE700WB - Bulk	725-930	3 (5,15)	1540	14076-000
LTE700WB - in polybag	725-930	3 (5,15)	1540	14076-001
LTE700WB - in Carton tube	725-930	3 (5,15)	1540	14076-002
LTE700WB + 1" Revolving Nut – Polybag	725-930	3 (5,15)	1540	14076-431
LTE700WB + 1" Revolving Nut – Polybag	725-930	3 (5,15)	1540	14076-432
LTE800WB - Bulk	790-960	3 (5,15)	1440	14086-000
LTE800WB - in polybag	790-960	3 (5,15)	1440	14086-001
LTE800WB - in Carton tube	790-960	3 (5,15)	1440	14086-002
LTE800WB + 1" Revolving Nut – Polybag	790-960	3 (5,15)	1440	14086-431
LTE800WB + 1" Revolving Nut – Polybag	790-960	3 (5,15)	1440	14086-432



LORA / SIGFOX / LTE / IOT FIBERGLASS ANTENNA

IoT

LTE Omni-Directional – (G1"-11 thread)

LTE900NB / LTE903NB / LTE905NB

LTE900NB series are Omni-Directional Antennas for LPWAN with gains, 2 dBi, 5 dBi and 7 dBi.

These antennas are optimal supporting ISM, LORA, IoT, M-BUS, Sigfox, etc.

Supports **868 as well as 915 MHz** covering 860-930 MHz in same antenna.

Frequency	860 – 930 MHz
Power	200 Watt
Gain	0 / 3 / 5 dBd (2.15 / 5.15 / 7.15 dBi)
Mounting Type	On 1" threaded pole or bracket (G1"-11 thread) with the supplied fixed Revolving Nut
Connector	N-female
Ingress protection	IP66
Survival wind speed	55 m/s (200km/h)
Operating temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)

Model	Frequency (MHz)	Gain dBd (dBi)	Length (mm)	Item no.
LTE900NB - in polybag	860-930	0 (2,15)	445	24009-001
LTE900NB - in Carton tube	860-930	0 (2,15)	445	24009-002
LTE903NB - in polybag	860-930	3 (5,15)	1135	24309-001
LTE903NB - in Carton tube	860-930	3 (5,15)	1135	24309-002
LTE905NB - in polybag	860-930	5 (7,15)	1345	24509-001
LTE905NB - in Carton tube	860-930	5 (7,15)	1345	24509-002

LoRa



IoT



10000-183 Mount



10000-133 Mount



10000-141 Mount

850 MHz OMNI-BASE ANTENNAS (2–7 dBi)

IoT

LTE Omni-Directional – Integrated Fixed bracket

BASE008/BASE308/BASE508

BASEx08 series antennas are Omni-Directional UHF 850 MHz base station antennas with integrated multipurpose mounting bracket comes with a generous bandwidth which reduces the need for multiple antennas both in stock and on installation sites.

Frequency	790 – 960 MHz
Power	100 – 200 Watt (depending on model)
Mounting Type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included.
Mounting Place	On vertical or horizontal mast tube (Ø 30 – 60 mm)
Connector	N-female
Ingress protection	IP66
Survival wind speed	55 m/s (200km/h)
Operating temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)

Model	Frequency (MHz)	Gain dBd (dBi)	Length (mm)	Item no.
BASE008-A	790-862	0 (2,15)	500	23008-004A
BASE008-B	872-960	0 (2,15)	500	23004-004B
BASE308-A	890-960	3 (5,15)	1190	23308-004A
BASE308-B	790-960	3 (5,15)	1500	23308-004B
BASE308-C	824-894	3 (5,15)	1190	23308-004C
BASE508-A	824-894	5 (7,15)	1500	23508-004A
BASE508-B	890-960	5 (7,15)	1500	23508-004B



LTE / IOT FIBERGLASS ANTENNA

IoT

UHF9x series LTE Omni-Directional – (G1"-11 thread)

UHF93 / UHF96 / UHF99

UHF9x series are Omni-Directional UHF 850 MHz base station antennas with 2 dBi, 5 dBi and 7 dBi in 3 models. These antennas are optimal supporting ISM, GSM850, GSM900, etc.

Frequency	806 – 960 MHz
Power	200 Watt
Gain	0 / 3 / 5 dBd (2.15 / 5.15 / 7.15 dBi)
Mounting Type	On 1" threaded pole or bracket (G1"-11 thread) with the supplied fixed Revolving Nut
Connector	N-female
Ingress protection	IP66
Survival wind speed	55 m/s (200km/h)
Operating temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)

Model	Frequency (MHz)	Gain dBd (dBi)	Length (mm)	Item no.
UHF93A - in polybag	806-866	0 (2,15)	445	14093-001A
UHF93B - in polybag	824-894	0 (2,15)	445	14093-001B
UHF93C - in polybag	872-960	0 (2,15)	445	14093-001C
UHF93A - in Carton tube	806-866	0 (2,15)	445	14093-002A
UHF93B - in Carton tube	872-960	0 (2,15)	445	14093-002B
UHF93C - in Carton tube	872-960	0 (2,15)	445	14093-002C
UHF96A - in polybag	806-866	3 (5,15)	1345	14096-001A
UHF96B - in polybag	824-894	3 (5,15)	1135	14096-001B
UHF96C - in polybag	890-960	3 (5,15)	1135	14096-001C
UHF96A - in Carton tube	806-866	3 (5,15)	1345	14096-002A
UHF96B - in Carton tube	872-960	3 (5,15)	1135	14096-002B
UHF96C - in Carton tube	890-960	3 (5,15)	1135	14096-002C
UHF99A - in polybag	824-894	5 (7,15)	1440	14099-001A
UHF99B - in polybag	890-960	5 (7,15)	1340	14099-001B
UHF99A - in Carton tube	824-894	5 (7,15)	1440	14099-002A
UHF99B - in Carton tube	890-960	5 (7,15)	1340	14099-002B

If 1" Revolving Nut Kit is needed with antenna: Change above listed P/N to xxxxx-**431** for kit in Polybag

If 1" Revolving Nut Kit is needed with antenna: Change above listed P/N to xxxxx-**432** for kit in Carton tube



10000-183 Mount



10000-133 Mount



10000-141 Mount

SLIM LOW PROFILE IOT ANTENNAS

IoT

Wall Mounted Low Profile Directional Antennas (Toblerone)

IOT434 / IOT868 / IOT245 / IOT826

Slim multiband or narrow-band antennas designed for the mobile IOT/M2M, GSM/UMTS/LTE or Wi-Fi systems

Mounting place

Power

Size

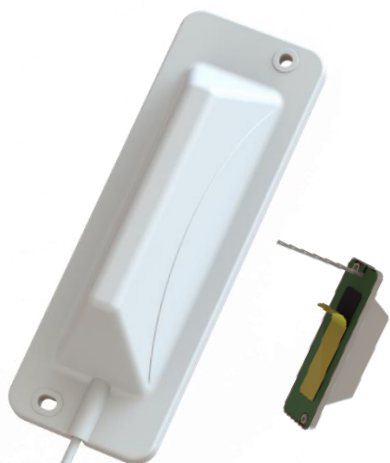
Color

On wall

5 watts

122.5 x 35 x 42.5 mm (L x H x W)

White



GSM

Lte

Model	Frequency	Gain	Pattern	Connection	Item no.
IOT434	432 – 436 MHz (ISM)	0 dBd	Directional	2.5m Cable + MCX-male	48005-011
IOT868	860 – 876 MHz (ISM)	0 dBd	Directional	1.5m Cable + SMA-male	48001-011
IOT245	2400-2495/4910-5925 MHz (WiFi)	0 dBd	Directional	2.5m Cable + SMA-male	48007-011
IOT826	790 – 2690 MHz (GSM/UMTS/LTE)	0 dBd	Directional	2.5m Cable + MCX-male	48006-011

Antennas can be ordered as bulk. If you put 4800x-010 instead of xxxxx-011

PUCK ANTENNA LTE - **Extendr®**

GNSS



Extendr® 1 / Extendr® 2 / Extendr® 3

Rugged tamper-proof multiband antenna combining all major cellular bands / GNSS or WiFi.

The antenna is ideal for IoT and M2M applications providing a stable connection in critical areas.

The Extendr® antenna family offers multiple mounting options and can also be offered with customer specified cables and connectors.

Frequency 1	790 – 2690 MHz (GSM/UMTS/LTE) Extendr 1 / Extendr 2 / Extendr 3
Frequency 2	1561.1 – 1605.4 MHz (GNSS) Extendr 2 / Extendr 3
Frequency 3	2400 – 2495 MHz / 4910 – 5925 MHz (WiFi) Extendr 3
Mounting	Through hole, Adhesive or Magnetic Mounting
Height above roof	46 mm
Diameter	111 mm
Connection 1 LTE	Fixed cable 1.5m SMA-male (RED) Extendr 1 / Extendr 2 / Extendr 3
Connection 2 GNSS	Fixed cable 1.5m SMA-male (BLUE) Extendr 2 / Extendr 3
Connection 3 Wi-Fi	Fixed cable 1.5m SMA-male (BLACK) Extendr 3
Ingress protection	IP67 (When mounted correctly)



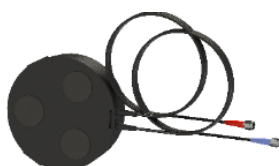
Extendr 1 – LTE



Extendr 2 – LTE/GNSS



Extendr 3 – LTE/GNSS/WiFi



Magnetic



Adhesive



Through hole

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.

LOW PROFILE ANTENNA **TeleSat**

GNSS



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

Heavy duty Omni-Directional 5-BAND antenna for through-hole roof mounting on trucks, trailers etc. Low profile design. IP67 Ingress protection

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



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. IP67 Ingress protection

Frequency	824 – 2170 MHz (GSM/UMTS) / 1561.1 – 1605.4 MHz
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
Connection2 (GNSS) Blue	Fixed cable 0.20m FME-female



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. IP67 Ingress protection

Frequency	824 – 2170 MHz (GSM/UMTS) / 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
Connection1 (GSM/UMTS) Red	Fixed cable 0.15m SMA-female
Connection2 (WLAN) Black	Fixed cable 0.17m SMA-female
Connection3(GNSS) blue	Fixed cable 0.20m FME-female



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. IP67 Ingress protection

Frequency	824 – 2170 MHz (GSM/UMTS) / 1561.1 – 1605.4 MHz 2400 – 2485 MHz/4915 – 5825 MHz (WiFi)
Mounting	Bolt-on with adhesive for effective sealing
Height above roof / Diameter	16 mm / Ø 92 mm
Connection1 (GSM/UMTS) Red	Fixed cable 0.15m SMA-female
Connection2 (WLAN) Black	Fixed cable 0.17m SMA-female
Connection3(GNSS) blue	Fixed cable 0.20m FME-female

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 TAMPER-PROOF ANTENNAS



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)



Model	Item no.
TeleSat-5S	45 500S
DOTCOM QUAD	20 500
MINI-DOTCOM DUAL	20 700

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

DOME ANTENNA - Commutr®

GNSS



Commutr® (2G/3G/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

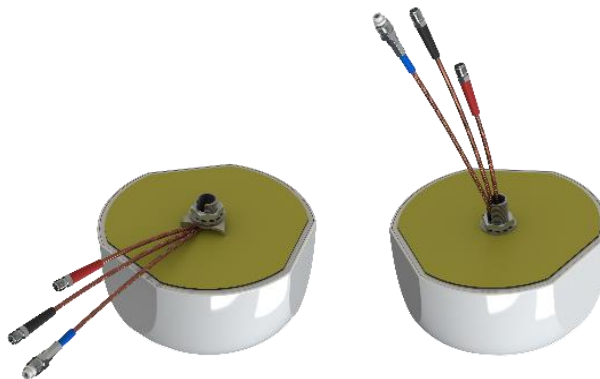
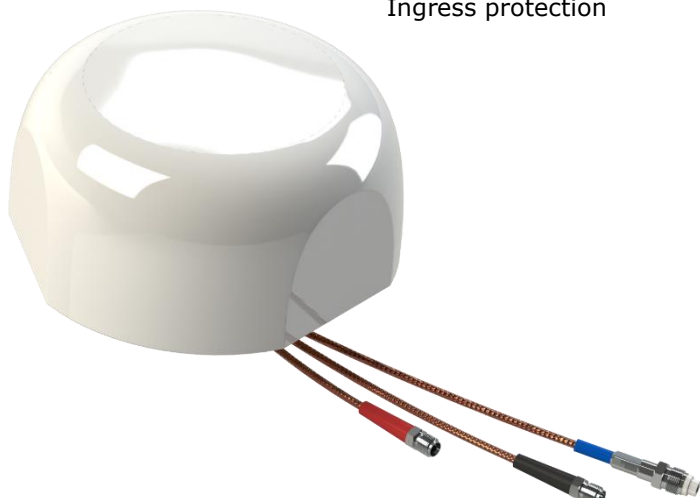
Fixed cable 0.25m FME-female (BLUE)

Connection2 Wi-Fi

Fixed cable 0.30m SMA-female (BLACK)

Ingress protection

IP66



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



GSM1800/GSM1900/LTE ANTENNAS

Omni Directional – (G1"-11 thread)

UHF186/189, UHF196/199 & UHF219

Antennas especially made for GSM1800, GSM1900, DECT, DCS, UMTS/3G & LTE

Frequency	1710 - 2170 MHz (covered by 3 models)
Power	100 Watt (40-watt UHF219)
Mounting Type	On 1" threaded pole or bracket (G1"-11 thread) with the supplied fixed Revolving Nut
Mounting Place	On vertical or horizontal mast tube (depending on bracket)
Connector	N-female
Ingress protection	IP66
Survival wind speed	55 m/s (200km/h)
Operating temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)

GSM

UMTS

Model	Frequency (MHz)	Gain dBd (dBi)	Length (mm)	Item no.
UHF186 – Bulk	1710-1880	3 (5,15)	640	14186-000
UHF186 – Polybag	1710-1880	3 (5,15)	640	14186-001
UHF186 – Carton tube	1710-1880	3 (5,15)	640	14186-002
UHF189 – Bulk	1710-1880	5 (7,15)	840	14189-000
UHF189 – Polybag	1710-1880	5 (7,15)	840	14189-001
UHF189 – Carton tube	1710-1880	5 (7,15)	840	14189-002
UHF196 – Bulk	1850-1990	3 (5,15)	640	14196-000
UHF196 – Polybag	1850-1990	3 (5,15)	640	14196-001
UHF196 – Carton tube	1850-1990	3 (5,15)	640	14196-002
UHF199 – Bulk	1850-1990	5 (7,15)	840	14199-000
UHF199 – Polybag	1850-1990	5 (7,15)	840	14199-001
UHF199 – Carton tube	1850-1990	5 (7,15)	840	14199-002
UHF219 – Bulk	1920-2170	5 (7,15)	640	14219-000
UHF219 – Polybag	1920-2170	5 (7,15)	640	14219-001
UHF219 – Carton tube	1920-2170	5 (7,15)	640	14219-002



10000-183 Mount



10000-141 Mount



10000-173 Mount



10102-003 Mount

WLAN/ISM/UMTS ANTENNAS

Omni Directional Light Antennas

UHF243 & UHF263

Antenna especially made for WLAN, Wi-Fi 2.4, ISM and 4G/LTE

Frequency	2300 - 2690 MHz (covered by 2 models)
Power	40 Watt
Mounting Type	On 1" threaded pole or bracket (G1"-11 thread) with the supplied fixed Revolving Nut
Mounting Place	On vertical or horizontal mast tube (depending on bracket)
Connector	N-female
Ingress protection	IP66
Survival wind speed	55 m/s (200km/h)
Operating temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)



Model	Frequency (MHz)	Gain dBd (dBi)	Length (mm)	Item no.
UHF243 - Bulk	2300-2500	0 (2,15)	210	14243-000
UHF243 - Polybag	2300-2500	0 (2,15)	210	14243-001
UHF243 - Carton tube	2300-2500	0 (2,15)	210	14243-002
UHF263 - Bulk	2500-2690	0 (2,15)	210	14263-000
UHF263 - Polybag	2500-2690	0 (2,15)	210	14263-001
UHF263 - Carton tube	2500-2690	0 (2,15)	210	14263-002



10000-183 Mount



10000-141 Mount



10000-173 Mount

MOUNTING BRACKETS

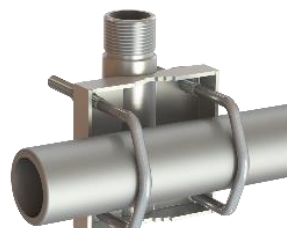
Different types for different purposes



MAST/RAIL MOUNT 1"-14NF
10000-183



MAST/RAIL MOUNT 1"-14NF
10000-123



MAST/RAIL MOUNT G1"-11
10102-003



WALL/RAIL MOUNT (Ø 16.5 MM)
10000-141



MAST/RAIL MOUNT (Ø 25 MM)
10000-173



MAST MOUNT UNIVERSAL
10000-191



DECK MOUNT 1"-14NF
10000-020



CONNECTOR PROTECTION CAP
15 026



1"REVOLVING NUT KIT G1"-11
10000-431



1" ADAPTER TUBE HD (150 MM)
10000-420



WALL BRACKET 87 (Ø11.8)
16200IP



WALL BRACKET 87 (Ø11.8) WHITE
16210IP



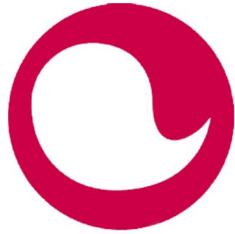
WALL BRACKET 87 (Ø13.5)
16220IP



WALL BRACKET 169 (Ø17.5)
16180IP



MAST/WALL MOUNT UNIVERSAL
10000-221



Midtkom ApS

Ølandsvej 4
DK - 8800 Viborg
+45 40 500 900
info@midtkom.dk
www.midtkom.dk

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.*

