## Datasheet

# WTA5G

### Wideband Terminal Antenna with fixed cable for IoT and M2M Applications

Rugged tamper-proof wideband terminal antenna combining the cellular/mobile GSM(2G), UMTS(3G), LTE(4G), 5G NR(5G) and WiFi frequencies. The antenna is ideal for fleet management, IoT and M2M applications providing a stable connection in critical areas.

- Tamper proof design
- IP65 water proof design for professional use
- Fixed cable for easy installation
- Multiband:
  - 5G 600/700/800/900/1800/2100/2600/3500 MHz
  - LTE 600/700/800/1800/1900/2600 MHz
  - GSM 850/900/1800/1900 MHz
  - UMTS 700/800/900/2100 MHz
  - WiFi 2.4 GHz

### **ELECTRICAL SPECIFICATIONS**

	Antenna Type	Wideband end-fed - groundplane needed
	Frequency	617 - 960 MHz, 1427 - 1518 MHz, 1710 - 2170 MHz, 2300 - 2690 MHz, 3300 - 3800 MHz
	Bandwidth	See "FREQUENCY"
	Impedance	50 Ohm
	VSWR	< 3.0:1 (617 - 960 MHz), < 2.0:1 (1427- 2690 MHz, 3300 - 3800 MHz) Measured with 1.5 m RG58 cable on a Ø 50 cm ground plane
	Gain	-1 dBd, 1.15 dBi (617-790 MHz) 0 dBd, 2.15 dBi (790-960 MHz) 3 dBd, 5.15 dBi (1427- 2690 MHz) 5 dBd, 7.15 dBi (3300-3800 MHz) Measured on a Ø50 cm ground plane
	Polarisation	Linear
	Max. Input Power	40 W



SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

## Scan-Antenna®

## Datasheet

### MECHANICAL SPECIFICATIONS

Color	Black and silver
Dimensions	Ø 46 x 110 mm
Weight	113 g
Mounting	Bolt-on with adhesive
Mounting Place	On vertical or horizontal surfaces (conductive). E.g. car roofs, metering cabinets and brackets
Moungting Hole	Ø 16 - 17 mm
Materials	ABS, rubber, brass, PVC, PE and PCB
Operating Temperature	-40°C to +85°C
Connector	See 'Ordering Information'
Cable	RG58/U
Ingress Protection	IP65 (when mounted)
Serial	On product label

## **ORDERING INFORMATION**

48201-000	10.0 m RG58/U + SMA-male - Bulk Packaging
48201-010	5.0 m RG58/U + SMA-male - Bulk Packaging
48201-001	10.0 m RG58/U + SMA-male - In Polybag
48201-011	5.0 m RG58/U + SMA-male - In Polybag
48201-103	10.0 m RG58/U + SMA-male + Mount (10000-141) - Box
48201-113	5.0 m RG58/U + SMA-male + Mount (10000-141) - Box



SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.