Extendr® 5G-2

High performance multiband cellular (2G, 3G, 4G & 5G) and GNSS antenna with extended range

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.



- Excellent performance, VSWR below 2.5 in 92% of the specified band
- IP67 water proof design for professional use
- Low profile design
- Ground plane independent



ELECTRICAL SPECIFICATIONS

Frequency	Cellular: 698-790 / 790-960 / 1710-2690 / 3300-3800 MHz
Impedance	50 Ohm
Vswr	<4.0:1 (698-790 MHz) <3.0:1 (790-960 MHz) <1.5:1 (1710-2170 MHz, 2300-2690 MHz <2.0:1 (3300-3800 MHz) Measured with 2.0 m cable
Satellite System	GLONASS, GPS, Galileo and BeiDou
Polarisation	Cellular: Linear GNSS: RHCP
Gain	0 dBd, 2.1 dBi (698-960 MHz) 1 dBd, 3.1 dBi (790-960 MHz, 1710-2170 MHz) 3 dBd, 5.1 dBi (2300-2690 MHz, 3300-3800 MHz)
Max. Input Power	10 W
LNA gain	26 dB (GNSS)
Noise Figure	1.35 dB (GNSS)
Supply voltage	3 - 5.5 V DC (Fed via cable) (GNSS)
Current consumption, average	20 mA (GNSS)
Antistatic Protection	Direct Ground (DC-short)

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.

MECHANICAL SPECIFICATIONS

Color	Black
Height	46 mm (Above surface when mounted)
Weight	160 g
Diameter	Ø 111 mm
Mounting	Through Hole Mounting (Adheisve and Magnetic available)
Mounting Place	On vertical or horizontal surfaces (conductive or non-conductive). E.g. car roofs, metering cabinets and brackets
Mounting hole	Ø 16 - 17 mm
Build-in depth	Max. 15.6 mm
Materials	ABS, silicon, brass, PVC, PE and PCB
Operating Temperature	-40°C to +85°C
Connector 1	Cellular (Red): SMA-male (Other types available)
Connector 2	GNSS (Blue): SMA-male (Other types available)
Cable	RG174/U
Ingress protection	IP67 (when mounted)

ORDERING INFORMATION

48102-001	2.0 m cable + SMA-male - Through Hole Mounting

PACKAGING INFORMATION

Type	Bulk paking or individually packing in Polybag (See "ORDERING INFORMATION")

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