Extendr® 5G MiMo-6

High performance multiband cellular MiMo and WiFi antenna with extended range

Rugged tamper-proof multiband MiMo antenna combining all major cellular bands and all WiFi bands. The antenna is ideal for fleet management, IoT and M2M applications providing a stable connection in critical areas. The antenna is offered with customer specified cables and connectors.

- Excellent performance, VSWR below 2.5 in 92% of the specified band
- WiFi-6E and WiFi-7 compatible
- IP67 water proof design for professional use
- Low profile design
- Ground plane independent

ELECTRICAL SPECIFICATIONS

Frequency	698 -790 / 790- 960 / 1710 - 2690 / 3300-3800 MHz (Cellular) 2400 - 2950 / 4910 - 7125 MHz (WiFi)
Impedance	50 Ohm
VSWR	Cellular: <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) WiFi: <1.5:1 (2400-2490 MHz) <2.5:1 (4910-7125 MHz) Measured with 1.5 m cable
Isolation	5G: > 6 dB
Polarisation	Linear
Gain	0 dBd, 2.1 dBi (698-960, 2400-2490 MHz) 1 dBd, 3.1 dBi (790-960 MHz, 1710-2170 MHz) 3 dBd, 5.1 dBi (2300-2690 MHz, 3300-3800, 4910-7125 MHz)
Max. Input Power	10 W
Antistatic Protection	Direct Ground (DC-short)

SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620
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MECHANICAL SPECIFICATIONS

Color	Black
Height	46 mm (Above surface when mounted)
Weight	160 g
Diameter	Ø 111 mm
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
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	Cellular (Blue): SMA-male (Other types available)
Connector 3	WiFi (Black): SMA-male (Other types available)
Cable	RG174
Ingress protection	IP67 (when mounted)

ORDERING INFORMATION

48116-001	3 x 2.0 m cable + SMA-male

PACKAGING INFORMATION

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

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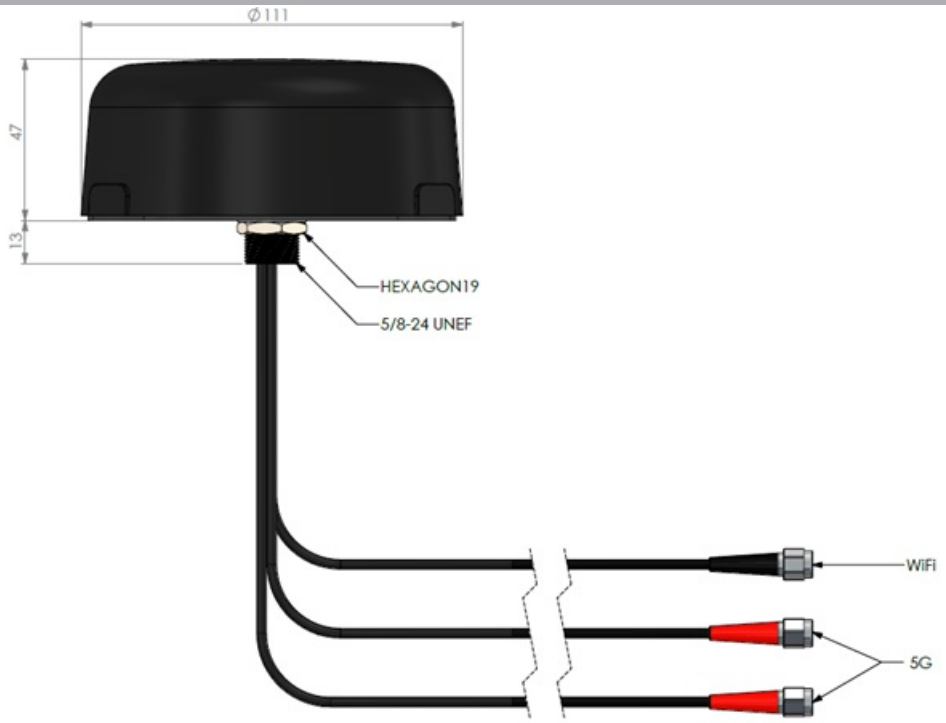

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