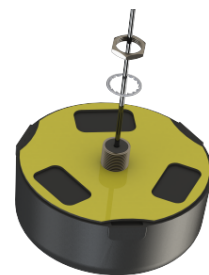


Extendr® 1T - Bolt On

High performance multiband antenna with extended range in all cellular bands (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.

- 9 bands in one installation
- IP67 water proof design for professional use
- Low profile design
- Ground plane independent
- Through hole mounting



Electrical Specifications:

Frequency	790 - 2690 MHz (LTE800/1800/2600, GSM850/900/1800, PCS/DECT1900, UMTS900/2100)
Impedance	50 Ohm
VSWR	< 3.0:1 (790-2100 MHz), < 1.5:1 (2500-2690 MHz)
Polarisation	Linear
GAIN	1 dBd, 3.1 dBi (790-960 MHz, 1710-2170 MHz) 3 dBd, 5.1 dBi (2500-2690 MHz)
Max. Input Power	10 W
Antistatic Protection	Direct Ground (DC-short)

Mechanical Specifications:

Color	Black
Height	46 mm (Above surface when mounted)
Weight	50 g
Diameter	Ø 111 mm
Mounting	Bolt-on with adhesive tape for effective sealing
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 and PCB
Connector	SMA-male (Other types available)



Cable	RG174/U, 1.5 m (Other cable lengths available)
Ingress Protection	IP67

Ordering information:

P/N	48011-000 (1.5 m cable + SMA-male - Bulk packing)
P/N	48011-001 (1.5 m cable + SMA-male - In polybag)

Packaging Information:

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

