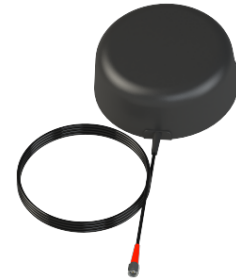


Extendr® 1M - Magnetic

High performance multiband antenna with extended range in all cellular bands (2G, 3G & 4G)

Rugged tamper-proof multiband antenna combining all major cellular frequency 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
- Easy installation with magnetic 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 | Magnetic |
| Mounting place | On vertical or horizontal conductive surfaces |
| 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 48031-000 (1.5 m cable + SMA-male - Bulk packing)

P/N 48031-001 (1.5 m cable + SMA-male - In polybag)

Packaging Information:

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

Outline Drawing

