

LTE 800 MIMO Antenna

don't give anything away! get the most out of your LTE contract.

LTE – the universal internet turbo

With LTE (Long Term Evolution), the next mobile phone standard has now arrived. The new technology achieves data rates, which enable significantly faster internet access than UMTS or many DSL tariffs.

it could be all so easy

If LTE is available, you don't have to get annoyed that there are no DSL cables in your region. Simply connect a radio modem to your computer and surf with broadband speed. This is the idea. But as it is often the case, the devil is in the detail. Not only that the signal is weaker at the edge of a network cell, it also does not always reach where it is required without loss: inside buildings. Thermal insulation glazing or reinforced concrete walls can also cause the transmission to judder. The consequence: In very rare cases the data rates promised in the mobile phone agreement are not fully used.



product features

- _ improved LTE reception
- _ easy installation
- _ shielding from interfering transmitters
- _ increased download and upload rate
- _ attractively designed, inconspicuous antenna
- _ high output (antenna gain)
- _ only one antenna necessary, as MIMO antenna
- _ can be universally used for all providers
- _ for all standard LTE routers and LTE sticks
- _ high-quality and quality material selection
- _ best value for money



you can now get the full performance from your LTE contract

Conventional routers or sticks often reach their limits over the last few metres. novero dabendorf offers an antenna that gets everything there is to get out of the LTE signal so that you can use the full capacity paid for in the LTE contract.

Two directional antennas are integrated in the housing, which support the MIMO technology (Multiple Input Multiple Output) applied in the LTE and increase the download and upload rates. Regardless of the distance to transmitters, you surf stably with large data rates and can use all the advantages offered by modern internet. novero dabendorf offers a twin cable, which can be flexibly laid from outside to the inside, to bring the LTE performance into the building. It bridges the routes where architecture is a natural obstacle to radio connections. Once the signal has arrived, it can easily supply several computers. Its output is sufficient for ultimate surfing fun with online cinema, video telephony and every conceivable internet application.

LTE 800 MIMO Antenna

don't give anything away! get the most out of your LTE contract.

mechanical data

dimensions (H x W x D)	230 x 215 x 60 mm
material	ABS, flame resistant UV resistant
colour	RAL 7047 stone grey
weight	0,69 kg (antenna only)
temperature range	-40 ... +85° Celsius

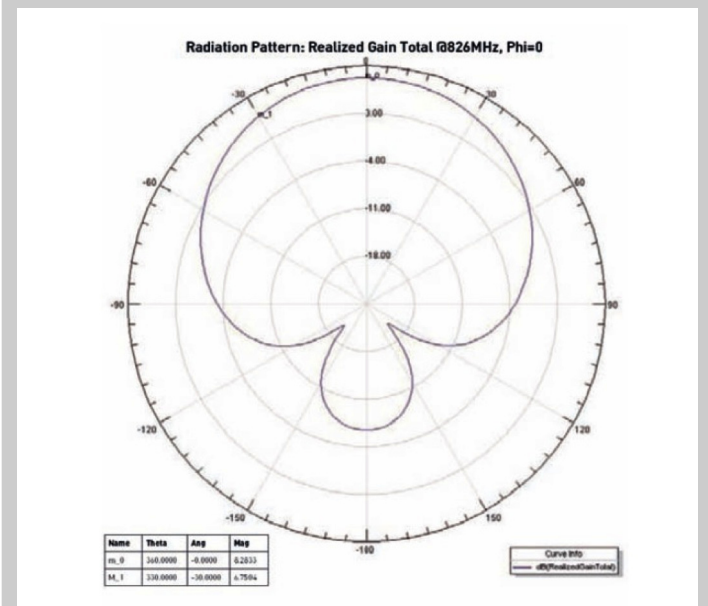
scope of delivery



novero dabendorf product number 1630-00000

- 1 LTE antenna
- 2 installation instructions
- 3 fixing bracket
- 4 screws 3,5 x 12mm
(connection of antenna -> angle bracket)
- 5 screws 5 x 50mm (for wall mounting)
- 6 universal rawl plugs 8 x 50 (for wall mounting)
- 7 pipe clips 25 ... 65mm
(for mounting on mast)
- 8 connection cable (optional)
(novero dabendorf number 1630-10000)

technical data



antenna structure	double BiLoop
frequency range	791 ... 862 MHz
frequency band	LTE band 20
gain	2x 8,0 dBi (\pm 0,5 dB)
return loss VSWR	-10 dB / \leq 2,3:1
efficiency	> 80 %
cross polarisation ratio in the sektor $\pm 60^\circ$ / CPR	> 10 dB
insulation of the two antennas element isolation	> 20 dB
opening angle	60°
maximum input power	5 W
impedance	50 Ohm
HF connectors	2 x BNC / female

company stamp