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4GNOVA antenna

4G extended coverage

LTE/4G transmission and reception antenna for extended coverage in shielded areas or in areas where propagation conditions are difficult. The 4GNova antenna can be connected either to an LTE/4G router or to an indoor antenna. In the latter case, the 4G-enabled devices will have coverage without the need for high-power transmission, thus saving battery and protecting the user from excessive radiation.

The coaxial 50 Ohm cable is fixed to the antenna chassis. Two available lengths and two available connector types.

Ref.650101	N Female connector and 0.7m cable
Art.Nr	4GNOVA
EAN13	8424450173336
Ref.650102	SMA Male connector and 7.5m cable
Art.Nr	4GNOVASMA
EAN13	8424450179291

Highlights

- Passive antenna for 4G extended coverage, enhancing the operator's network connection quality
- Mobile 4G devices are more efficient in terms of power and consumption
- Optimized response on both the Uplink and the Downlink
- A telephone antenna on a printed circuit board: avoids feature alterations and ensures mechanical quality
- Passive antenna, no power consumption

Technical specifications

Polarisation		Horizontal / Vertical	
Frequency band	Mhz	698...960	1700...2700
Gain	dBi	7,5	7
F/B ratio	dB	>18	>20
Impedance	Ohm	50	
Windload	N	69,6 (@130 Km/h)	
		95,7(@150 Km/h)	
Protection index	IP	53	
Mast diameter	mm	20...50	