

5GNOVA antenna 5G extended coverage. With 7.5m and SMA-male connector

5G and LTE/4G transmission and reception antenna for extended coverage in shielded areas or in areas where propagation conditions are difficult. The 5GNova antenna can be connected either to an 5G router or to an indoor antenna. In the latter case, the 5G-enabled devices will have coverage without the need for high-power transmission, thus saving battery and protecting the user from excessive radiation.

The 50 Ohm coaxial cable is fixed to the antenna, 7.5m long and SMA-male connector.

Ref.	650102
Logical ref.	4GNOVASMA
EAN13	8424450179291

Other features	
Colour	White

Packaging info	
Box	1 pcs.

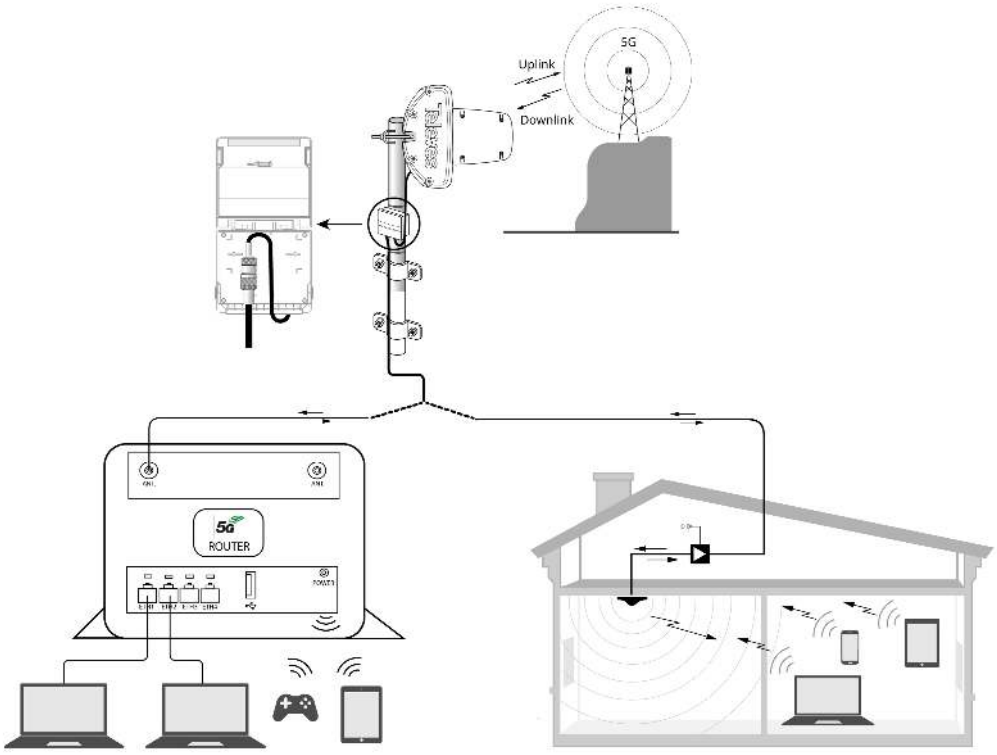
Physical data	
Net weight	1,502.00 g
Gross volume	16.90 dm³
Gross weight	1,502.00 g
Width	348.00 mm
Height	77.00 mm
Depth	318.00 mm
Main product weight	1,502.00 g

Highlights

- Passive antenna for 5G extended coverage, enhancing the operator's network connection quality
- Mobile 5G 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

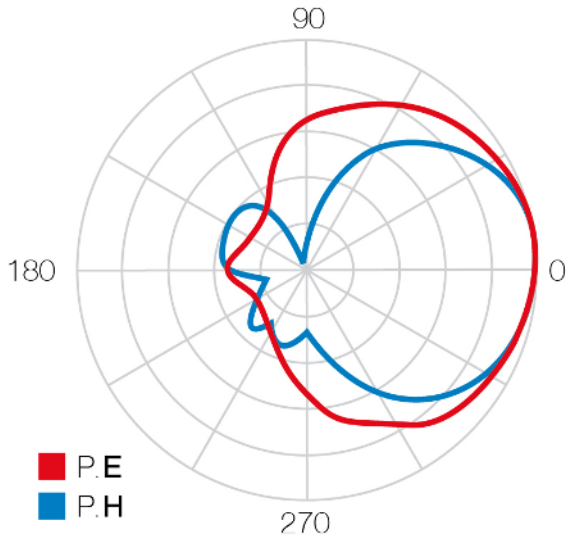
Application example



5G ISP WAN connection

5G wireless extender

Graphic documentation



Radiation pattern

Technical specifications : Ref. 650102

Telephony bands		3G	4G	5G
Frequency range	MHz	1700 ... 2700	698 ... 960	3400 ... 3900
Gain	dBi	7	7.5	6.5
F/B ratio	dB	> 20	> 18	--
Input impedance	Ω	50		
Polarisation		Horizontal/Vertical		
Wind load (@80miles/h)	N	69.6		
Wind load (@93miles/h)	N	95.7		
Number of connectors		1		
Connector type		SMA Male		
Cable length	m	7.5		
Grounding		Yes		
Mast diameter	in	0.787 ... 1.969		
Protection index (IP)		53		