

# QuPanel 700MHz HP MIMO 4x4

## Directional High Power 700Mhz antenna for Teltonika RUTX50.

QuPanel 700MHz directional MIMO 4x4 high gain antenna is predicted for 4G LTE high categories from cat 5 up to cat 19. The antenna improves the signal in rural/suburban and locations where the mobile signal is weak. That antenna is predicted to be installed on the buildings (on the pole or on the wall). The antenna is optimized to deliver extraordinary performance of **7dBi** in 694MHz-960MHz range, including **Band 28 (700MHz)**. It's designed to have a Teltonika RUTX50 router installed inside.

Photo NOT to scale!

**4G**  
LTE**4x4** MIMO  
**7 dBi**  
DIRECTIONAL  
IP 67  
**-40° TO +80°**

OUTDOOR ANTENNA WORKS IN ANY  
WEATHER CONDITIONS, IP67



MOUNTING SYSTEM WITH TWO  
PLANES, 60 DEGREES REGULATION



FOUR SMA CONNECTORS



7 DBI GAIN



70° BEAMWIDTH



MADE IN EUROPE



## LTE ANTENNA SPECIFICATION

FREQUENCY	694 - 960 MHz
GAIN	694 - 960 MHz : 7 dBi
SUPPORTED LTE/5G BANDS	5, 8, 12, 13, 14, 17, 18, 19, 20, 26, 27, 28, 29, 44, 67, 68, 85, 103, 106
VSWR	<1.70, max <2.00
BEAMWIDTH	70°/70° ±15°
POLARIZATION	Dual polarized X-Pol
IMPEDANCE	50 $\Omega$
FRONT-TO-BACK	>10 dB

## MECHANICAL SPECIFICATION

MATERIALS	ABS, aluminum, PTFE, Fiberglass
CONNECTOR TYPE	4x SMA plug
INGRESS PROTECTION	IP67
DIMENSIONS	392 x 392 x 99 mm 15.43 x 15.43 x 3.90 inch
WEIGHT	3.7 kg 8.16 lbs
OPERATING TEMPERATURE	From -40°C to 80°C From -40°F to 176°F
MAST DIAMETER	25-60mm 0.98-2.36 inch

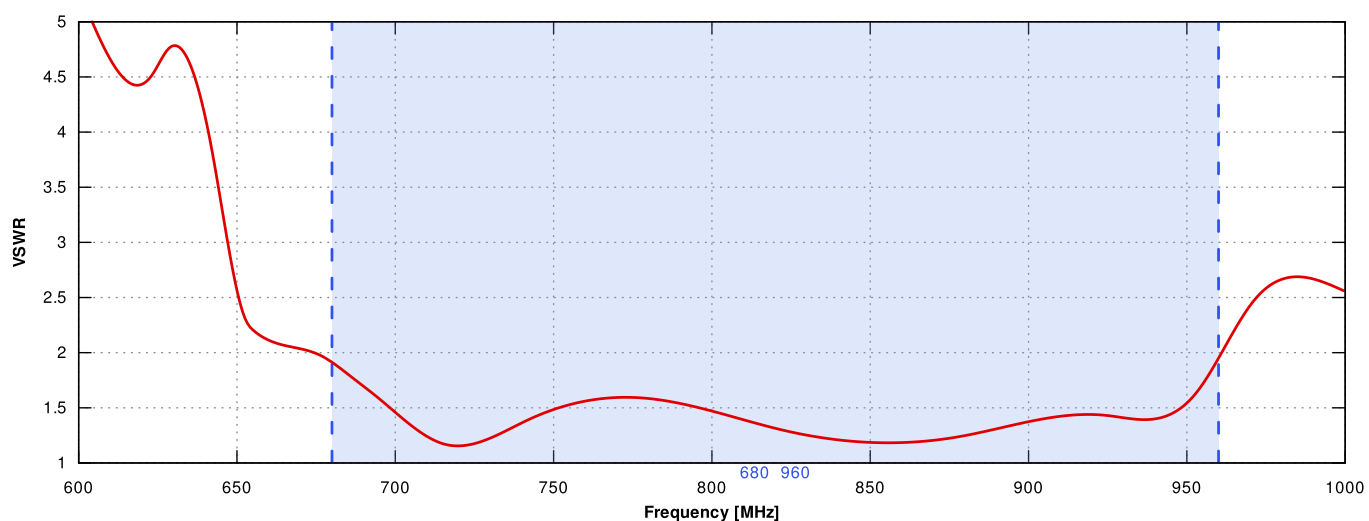
## COMPATIBLE ROUTERS

VARIANT: APLM4X50

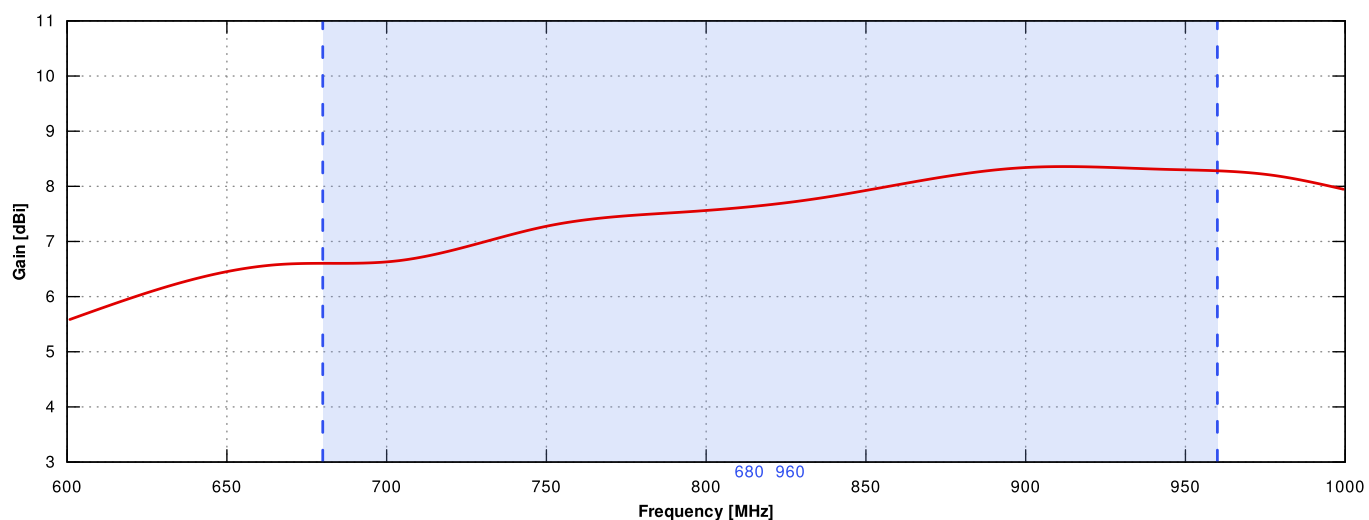
TELTONIKA	RUTX12, RUTX14
ROBUSTEL	EG5200, R2000
COMSET	CM770W-6
DIGI	TX54 LTE-Advanced
ERICSSON (CRADLEPOINT)	IBR1700
FORTINET	FEX-311F, FEX-311F
PEPLINK	BR1 Pro (CAT-20), BR1 Pro CAT-20, MAX HD2, MAX HD2 Mini, MAX Transit, UBR Plus
ROBUSTEL	EG5200, R2000
TELTONIKA	RUTX12, RUTX14
OTHER	4 * SMA

# **PLOTS**

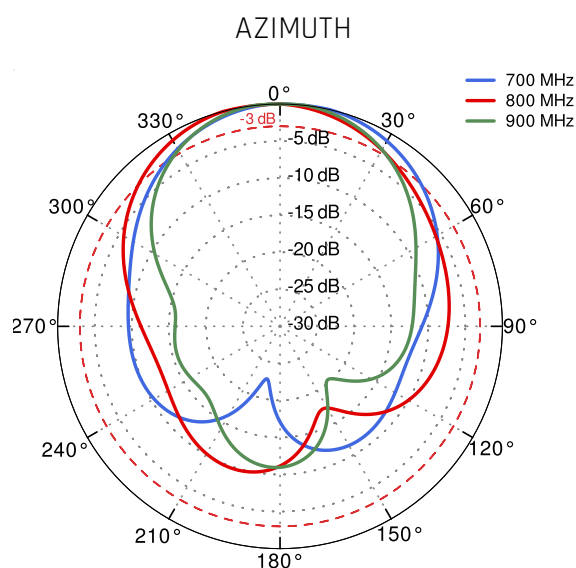
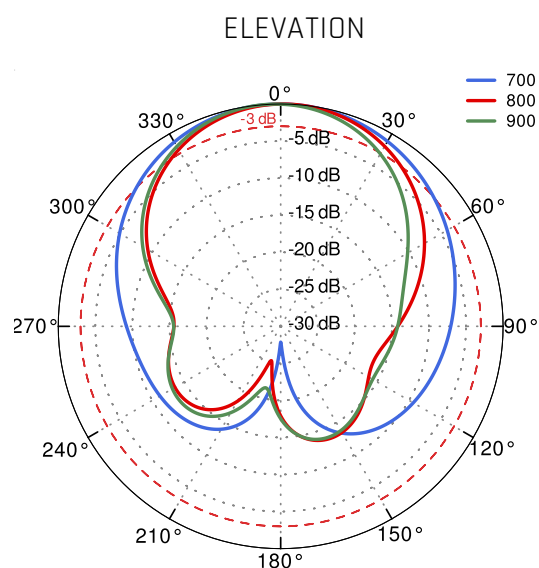
VSWR



Gain



700MHz to 900MHz



## DIMENSIONS

