Wireless Instruments Sp. z o.o.
ul. Kosciuszki 27, 52-116 Iwiny, Poland
Tel1: +48 601 366 369, +48 577 667 761
http://www.wireless-instruments.com

TRIPLE BAND PTP/CLIENT ANTENNA

WiPanel LTE MMB0727-8X, MIMO 2x2, 5m SMA

WiPanel LTE MMB0727-8X directional MIMO 2x2 high gain antenna is predicted for 4G LTE mainly, but is compatible with 3G and 2G as well. 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). Due to very wide working frequency range, the antenna is universal client for LTE bands like LTE700/800/1800/1900/2100/2300/2600. It's compatible with Teltonika: RUT240, RUT900, RUT950, RUT955, RUTX09, RUTX11 and other MIMO 2x2 LTE/3G/2G modems and routers.

ROHS
DC GROUND
IP67
UV RESISTANT
ABS

Electrical specification

Frequency	0.694 - 0.96 GHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
Gain	7 dBi 7 dBi 7 dBi
VSWR	<1.70, max < 2.00 <1.70, max < 2.00 <1.70, max < 2.00
Beamwidth	70°/70° +/- 15° 70°/70° +/- 15° 70°/70° +/- 15°
Polarization	X X X
Cross-Polar Isolation	
Front-to-Back	
Separation between Connectors	
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	Yes

Mechanic specification

Dimensions	27.2 x 27.6 x 9.6 cm 10.71 x 10.87 x 3.78 inch
Weight	1.8 kg
Connector	2xSMA
Material	ABS
Waterproof level	IP67
Operating temperature	from -40°C to 75°C from -40°F to 167°F
Wind resistance	70km/h

Mounting Kit

Dimensions	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
Regulation Range	+/- 30°
Weight	0.87 kg
Mast Dimensions Range	25 - 65mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

Features

- Gain for the frequency of 694 - 960 MHz 2x 7 dBi
- Polarization X for the frequency of 694 - 960 MHz
- Gain for the frequency of 1700 - 2200 MHz 2x 7 dBi
- Polarization X for the frequency of 1700 - 2200 MHz
- Gain for the frequency of 2200 - 2700 MHz 2x 7 dBi
- Polarization X for the frequency of 2200 - 2700 MHz
- 2 x Connector SMA
- Big, ergonomic and voluminous **WiBOX Medium + 2x SMA** enclosure for radio equipment installation
- Outdoor Waterproof Enclosure **WiBOX Medium + 2x SMA**
- Designed and resistant for any weather conditions
- Grounding system protecting against lighting - DC Ground
- 36 Warranty Months

Systems

- LTE band - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 65, 66, 67, 68, 69, 70, 85
- WiMAX - 2.3 GHz, 2.5 GHz, 700 MHz
- 3G - 2100 MHz, 850 MHz, 900 MHz
- GSM - 1800 MHz, 1900 MHz, 850 MHz
- RFiD - 2400 - 2483 MHz, 865 - 868 MHz, 902 - 928 MHz
- ISM - 2400-2483 MHz, 868-870 MHz
- WLAN - 2.4 GHz
- Bluetooth - 2400-2483 MHz

Wireless Instruments