

Weibonuo Communication

9dBi 698 – 960/ 1710–2700MHz Log-Periodical Antenna
Model: WBN-LOG6927V10i85A

Applications

- ① DAS (Distributed Antenna System)
- ② Dual band performance covers all LTE bands
- ③ Directional Antenna (wave channel)
- ④ Indoor wireless networks and Cellular networks

Features

- ① Sealed with Radome, Strong protection ability
- ② Supplied with down-tilt bracket for mast mounting
- ③ Low VSWR, High Gain and Low profile
- ④ Available with N-Type or 4.3/10 or 7/16-DIN connectors



Description

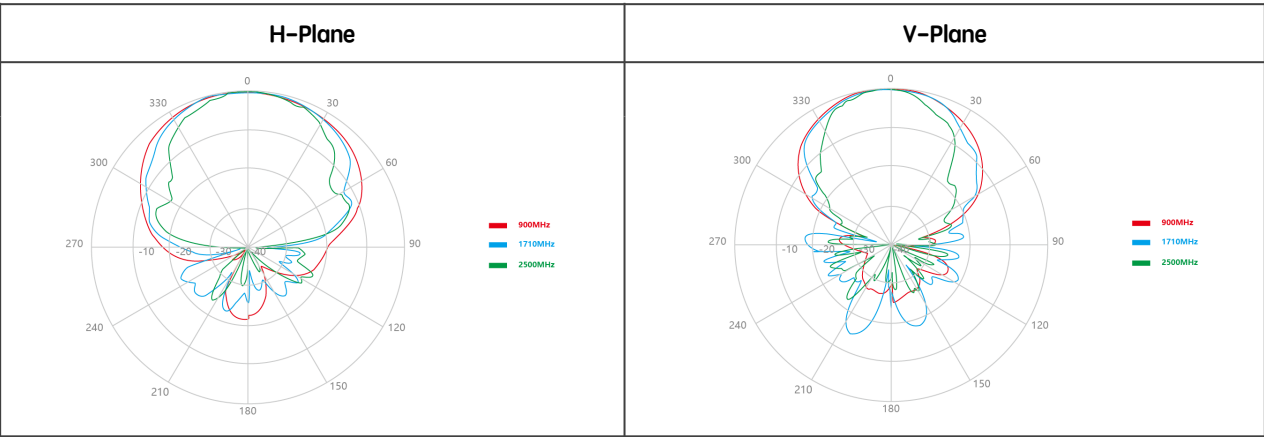
The WBN-LOG6927V10i85A model is a 8–10dBi GAIN high performance LPDA YAGI antenna specifically designed for Distributed Antenna Systems (DAS) applications. They feature high performance along with a multi-band operation. 100 Watt maximum input power with N-Female Connector and Mounting bracket to suit O/D Ø40–Ø50 mm pipe included.

Ordering Information

Part Number	3rd Order IMD Standard	Descriptions
WBN-LOG6927V10i85A	-150dBc @ 2 x 43dBm (RG141 coaxial able)	N-Female Connector
WBN-LOG6927V10i85A/4310		4.3-10 Female Connector
WBN-LOG6927V10i85A/716D		7/16 DIN Female Connector

* We provide antenna customization on different 3rd order intermodulation (PIM) and connector types, please let us know your requirements

Antenna Patterns



Electrical Specifications

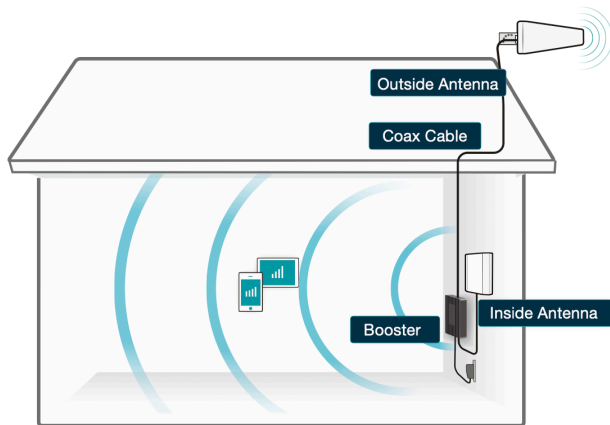
Frequency Range	698–806MHz
	806–960MHz
	1710–2700MHz
Gain (Typ)	7.5±0.5 dBi @ 698–806MHz
	8±0.5dBi @ 806–960MHz
	9.5±1 dBi @ 1710–2700MHz
VSWR (Typ)	≤ 1.8 @ 698–960MHz
	≤ 1.5 @ 1710–2700MHz
PIM, 3rd Order, –dBc (Max)	≤ –150dBc @ 2 x 43dBm
Polarization	Vertical
Horizontal Beamwidth	85° @ 698–806MHz
	85° @ 806–960MHz
	60° @ 1710–2700MHz
Horizontal Beamwidth	65° @ 698–806MHz
	60° @ 806–960MHz
	50° @ 1710–2700MHz
Impedance	50 Ohm
Max. Input Power	100 Watts

Mechanical Specifications

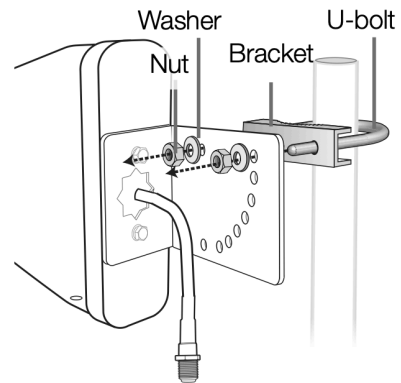
Cable Length	30 cm – Blue OR White RG141 Series
Connector	N-Female OR Customize
Weight	0.92 Kg
Dimensions	293 x 210 x 65 mm
Packing Dimensions	TBD
Radome Material	ABS
Radome Color	White
Effective Wind Area	≤ 0.2 m²
Wind-Resistant performance	37m/s
Mounting Bracket (Included)	Ø40–Ø50 mm
Operating Temperature	–40°C to +60°C

* The products and specifications described in this document are subject to change without notice.

LDPA Antenna



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