

Omnidirectional antenna GSM, UMTS, LTE (IP 67)



The WB 16 antenna is a cost effective omnidirectional broad band antenna for 5G / 4G / 3G / 2G devices and is suitable for external or internal installation.

The design of the mounting bracket enables simple wall mounting using the supplied screws and wall plugs or mast mounting using a pipe clip or cable ties (not supplied).

The omnidirectional radiation pattern allows easy placement of the antenna in an elevated position.

This antenna is an ideal solution for use in industrial and domestic environments with cellular modems / routers and Machine to Machine (M2M) wireless connectivity applications.

LTE / GPRS / UMTS-Antenna 2 / 4dB 700-3800MHz 5m SMA (m)

Frequencies:	698-960MHz, 1710-2700MHz
Gain:	@698-960MHz 2dB @1710-3800MHz 5dB
Polarization:	Vertical
Radiation pattern:	Omni-Directional
Resistance:	50Ohm
Max. Input power:	60W
Dimensions:	Height 164mm / width 48mm
Material:	ABS Plastic
Color:	Black
Attachment:	Wall mounting / pole mounting
Cable type:	SR1-029-B
Cable length:	5m
Plug:	SMA Connector (m)

Technical Specifications

Frequency Range	698-960MHz, 1710-3800MHz	
Operational Band	LTE 700, AMPS / GSM850, GSM900, GSM1800, PCS1900, 3G UMTS, 2.4GHz WIFI, 2.6GHz LTE	
VSWR	<2.5:1	
Peak Gain @ 698-960MHz:	2dB	
Isotropic @ 1710-3800MHz:	5dB	
Radiated Efficiency*	>70%	
Pattern	Omni-directional	
Polarization	Vertical	
Impedence	50Ω	
Max Input Power	60W	
Dimensions Height Mounted	164mm (6.46")	
Diameter	48mm (1.89")	
Operating Temp	-40°C / +80°C (-40°F / 176°F)	
Material	ABS, Aluminum and Galvanized Steel	
Color	Black & Natural alloy	
Fixing	Wall mount or Mast mount	
Cable length	5m (16'4")	0.5m (19.6")
Termination SMA Plug	SMA Plug (m)	SMA Plug (m)

* Excluding cable loss

Waiver: The data given above is indicative of the performance of the product/s under particular conditions and does not imply a guarantee of performance. These specifications are subject to change without notice.