

Hubit Wideband LTE/4G Wall Mount Antenna



Overview

This wideband wall-mounted antenna provides reliable LTE/4G, 3G, and 2G connectivity for indoor or outdoor installations. Built with a durable UV-stable ABS whip and stainless-steel bracket, it withstands harsh weather conditions while maintaining strong omnidirectional performance across multiple cellular frequency bands.

With flexible cable and connector options, it offers a robust and versatile solution for fixed wireless access, industrial connectivity, and remote monitoring applications.

Key Features



Wideband Multi-Band Coverage

Covers 698–960, 1710–1880, 1920–2170, and 2300–2700 MHz in a single antenna.



Omni-Directional Radiation

Consistent 360° coverage across all four supported frequency bands.



Low VSWR ($\leq 2:1$)

Voltage standing wave ratio of 2:1 or better across all bands.



Wide Operating Temperature Range

Rated for continuous operation from -40°C to $+85^{\circ}\text{C}$.



IP66 Weatherproof Rating

Sealed to IP66 (IEC 60529) for reliable outdoor wall-mount installation.



SMA Male, 5m RG58 Cable

Terminates in a standard SMA male connector with a 5m RG58 cable.

Electrical Specifications

Frequency Range	LTE 700+GSM 900: 698–960 MHz / GSM 1800: 1710–1880 MHz / UMTS: 1920–2170 MHz / WLAN+LTE(High): 2300–2700 MHz
Impedance	50 Ohm
Polarisation	Linear
Average Gain	LTE 700+GSM 900: 3.1 dBi @790–960MHz / GSM 1800: 0.4 dBi @1710–1880MHz / UMTS: 3.8 dBi @1920–2170MHz / WLAN+LTE(High): 1.6 dBi @2300–2700MHz
Radiation Pattern	Omni-Directional
Max Power @ 30°C	25 Watts (all bands)
Return Loss (VSWR)	≤ 2:1 (All Bands)
Radiator Type	Dipole

Environment

Temperature Range	–40°C to +85°C
Protection Class	IP66 (IEC 60529)

Certification

RoHS 2011/65/EU & RoHS3 (2015/863/EU)

Mechanical

Dimensions	220mm (H) Whip Tube x Ø16mm Whip Diameter
Construction Materials	ABS UV Stable UL94 V0 (Whip); Stainless Steel (Bracket)
Mounting Arrangement	Wall Fixing – Free Space
Cable	RG58, 5m
Connector	SMA Male
Weight	355g

Ordering Information

Part Number	2M Cable	HTL-NET-ANT-BM02280-2M_01
	5M Cable	HTL-NET-ANT-BM02280-5M_01
	10M Cable	HTL-NET-ANT-BM02280-10M_01

