

PLATCH 868 MHz ANTENNA

Platch 868 MHz Very Compact Low Profile Antenna

The Platch LTE very compact low profile antenna is designed to operate from 865-870 MHz. Only 14mm in height, the Platch 868 is designed for low-level mounting applications such as meter pit lids, parking systems, height-critical telemetry installations and utilities deployments. Fully sealed and waterproof, this antenna is incredibly durable and robust for installations in harsh environments. The Platch 868 is fed by a 1M RG174 cable and SMA-Male connector as standard.



Applications

- ▶ Meter Pit Lids
- ▶ Low-level mounting
- ▶ Parking Systems
- ▶ Telemetry/Datalogging
- ▶ Utilities Applications

Key Features

- ▶ Very Compact Low Profile Antenna
- ▶ One 868 MHz Element
- ▶ Robust and Durable Design
- ▶ Permanent Mount
- ▶ Mount onto Flat Surface

ELECTRICAL SPECIFICATIONS

Frequency Range	Peak Gain	VSWR	Radiation	Impedance	Polarization
865-870 MHz	3.0 dBi*	<1.5:1	Omni-Directional	50 Ohm	Linear

MECHANICAL SPECIFICATIONS

Dimensions	Cable Type	Connector	Radome Material	IP-Rating	Mounting
100.1x14mm (dxh)	RG174	SMA-Male (Other connectors possible)	UV-Resistant PC/ABS	IP-67	Surface-mount via 3 mounting holes

POPULAR ORDERING OPTIONS

PLA-868-SM-1K	Platch 868 MHz antenna with 1M RG174 and SMA-Male connector
---------------	---

* Measured on 500x500mm groundplane