

IOT/M2M ANTENNA

The 1303-PUCK-1 offers a small profile antenna which can be used in the IoT/M2M, Smart Meter, Smart Utilities, Transportation, Marine and the Agricultural/Farming markets. The 1303-PUCK-1 consists of a 1 antenna system within a single housing, featuring 1x SISO antenna (for 2G/3G/4G/5G) that cover the 698MHz to 3800MHz band which includes the most popular international LTE bands. The 1303-PUCK-1 exceeds the performance of many competitors due to the attention to design of this high-performance antenna. The radiation patterns of all radiating elements provide an excellent balance between omnidirectionality, pattern diversity and good radiation abilities at the desired elevation which is often overlooked in such a small size antenna. Despite its small size, this antenna provides excellent performance especially at the higher frequency bands where performance is critical for LTE throughput and connection stability. This antenna is designed so that both the LTE ports are connected to the router/device to ensure the best performance.

Specifications	2G/3G/4G/5G ready
Ports	1x
MiMo	1x SiSo
Frequency Bands	690-960 MHz, 1710-2700 MHz 3200-3800 MHz
Peak Gain	6 dBi
Coax Cable Type	RTK-031
Coax Cable Length	1x 2m
Connector Type	1x SMA Male
Dimensions	100mm Ø Height 37mm
Drill Hole	22mm
Operating Temp.	-40°C to +80°C
IP Rating	IP68
Order Code	1303-PUCK-1

Features

- Small & Low-Profile (100mm x h 36mm)
- Careful mechanical design provides ruggedness, corrosion, water, dust resistance (IP68)
- Fire Resistant (complies with ECE-R 118.02)
- UV Stable Enclosure
- Ground plane independent – performs consistently with and without a ground plane
- 5G Ready; includes 3.2GHz to 3.8GHz CBRS Band
- Easy installation; multi implementation options (as standard)
 - Spigot Mount
 - Magnetic Mount
 - Adhesive Tape Mount
 - Bracket Mount

