



## ANTENNA FACT SHEET

### Siretta Antennas for Industrial IoT Applications

Siretta antennas support various technology types and mounting methods.

They provide communication for the following applications:

- Cellular
- GNSS
- ISM
- WiFi
- BLE
- LORA
- Sigfox



#### ALPHA Range

Adhesive Mount

Low Profile

Flexible Positioning

Adhesive antennas are suitable for simple and secure antenna mounting away from the connected device without drilling through the mounting enclosure.



#### DELTA Range

Direct Connect

Omni-Directional

Angular Mounting

The DELTA range connects directly to the device to allow portability and some antennas offer a flexible knuckle swivel joint for orientation adjustment.



#### ECHO Range

Embedded Design

Discrete

Small Form Factor

Embedded antennas are for internal use within a piece of equipment which protects the antennas from damage and offers a discrete and covert solution.



#### MIKE Range

Magnetic Mount

Low Profile

Flexible Positioning

Magnetic antennas are most suitable for applications which are on the move where quick and secure fitting and removal are important for convenience.



#### OSCAR Range

Outdoor Mount

High Gain

Robust Installation

Wall or bracket mount antennas are designed for outdoor use with materials which can withstand normal weather conditions for longer periods of time.



#### TANGO Range

Through Hole Mount

Low Profile

Vandal proof

Through hole antennas are normally device or cabinet mounted to enable a secure and discrete solution offering improved performance over embedded options.

The table below shows the mounting types vs. the technologies supported by Siretta's Antennas:

- Combination Technology
- Multiple Connector Options
- Multiple Cable Options
- IP Rating

	2G	3G	4G	GPS	GNSS	ISM	BLE	ZB	WiFi/WLAN	LORA	Sigfox	IP65	IP67
ALPHA	•	•	•	•	•	•	•	•	•	•	•		•
DELTA	•	•	•			•	•	•	•	•	•		
ECHO	•	•	•	•		•	•	•	•	•	•		
MIKE	•	•	•	•		•	•	•	•	•	•		•
OSCAR	•	•	•			•	•	•	•				
TANGO	•	•	•	•	•	•	•	•	•			•	•

#### Antenna Style

Omni-directional (360 degree communication) or directional (fixed in one direction).

#### Antenna Gain

Provides an indication of how strong a signal an antenna can send/receive in a specified direction.

#### Extension Cables

Use low loss extension cables to minimise degradation in signal strength along the cable.