

*Tags and badges*

**Blue PUCK ID QUUPPA**  
**Blue PUCK BUZZ QUUPPA**  
Ref. IDF25540B / Ref. IDF25545B



**High-performance industrial Beacon for accurate localization.**

- 👁 Localization accuracy: **<1m**
- 👁 High lifecycle: up to **20 years**
- 👁 **Pick to light system**: integrated LED
- 👁 **Buzzer option**
- 👁 Robust industrial casing - **IP68 – IP65**
- 👁 Integrated **NFC** chipset

**TECHNICAL SPECIFICATIONS**

<b>Battery power supply</b>	3 VDC - Lithium internal battery
<b>Location Accuracy</b>	10 cm up to 1 meter
<b>Frequency</b>	2,4 GHz Bluetooth + 2 proprietary channels (2401MHz and 2481MHz)
<b>Operating mode – Blue PUCK ID QUUPPA</b>	Periodic data transmission on movement event (QUUPPA protocol) Command downlink: LED indicator light (ON/OFF switch)
<b>Operating mode – Blue PUCK BUZZ QUUPPA</b>	Periodic data transmission on movement event (QUUPPA protocol) Connected mode: LED indicator light (ON/OFF switch) Connected mode: BUZZER (ON/OFF switch)
<b>Power output</b>	Up to +4dBm (programmable)
<b>Transmission range</b>	Up to 500 meters (open field / +4dBm)
<b>Transmission period</b>	Smart battery management: Static state: from 1 to 10secs. (programmable) Moving state: from 0.1 to 1 sec. (programmable)
<b>Lifecycle</b>	20 years (Beacon rate = 10s with +4dBm power)
<b>Radio frame format</b>	13 bytes: localization packet + data packet Unique 48 bits MAC address
<b>Settings and configuration</b>	Interface/Protocol: NFC Type 2 <b>Device Manager</b> software or <b>Device Manager Mobile Android App</b>
<b>Operating temperature</b>	-40°C to +85°C
<b>Housing</b>	Ø 57mm base - Thickness 20mm IP68 Waterproof - Weight 36g DELRIN (POM C) material – Food Grade (90/128/EEC)
<b>Standards</b>	EC (Europe)*: EN 300 328/ EN 301 489 & EN 55032 / EN 62368-1 FCC (USA)*: FCC 15.247 / FCC PT 15B ISED/IC (Canada)*: RSS-247 / ICES-003 RoHS certified (* Certification in progress)

Specifications could be modified without any notification. Non-contractual document.