

UHF RFID

Nordic ID SA0408 is ideal for environments where size limitations and IP rating need to be taken into account. Thanks to its unique design this antenna can be mounted directly on all surfaces, even on metal, without compromising UHF RFID reading performance.

Nordic ID SA0408 is designed to suit applications where compact size and excellent performance is needed.



PRODUCT HIGHLIGHTS

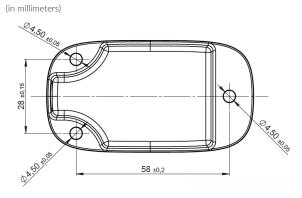
- Compact size yet excellent performance
- on all surfaces, including metal
- ating

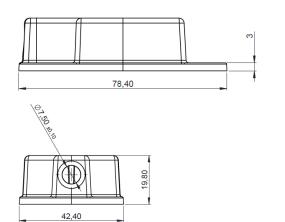
LE APPLICATION AREAS

- issioning
- of-sales
- acturing

| Frequency band | ETSI: 865 - 868 MHz FCC: 902 - 928 MHz | Compact size yet Usable on all surf IP65 rating |
|--|--|---|
| Gain | -1dBic | |
| Beam width (-3 dB) | 120/150° | SUITABLE APPLIC • Commissioning • Point-of-sales • Manufacturing |
| Polarization | RHCP | |
| Input impedance | 50 Ω | |
| VSWR | < 1.5:1 | |
| Maximum input power | 2W | |
| Front-to-back ratio | 6 dB | |
| Axial ratio | 2 dB | |
| Connector | RP SMA Female connector | |
| SIZE AND WEIGHT | | |
| Dimensions | (W) 40 x (L) 83x (H) 20 mm / (W) 1.6 x (L) 3.3 x 0.8 inch | |
| Weight | 26 g / 0.92 oz | |
| ENVIRONMENT | | |
| Operating Temperature | -20°C to 55°C -4°F to 130°F | |
| Storage Temperature | -40°C to 85°C -40°F to 185°F | |
| Environmental Sealing | IP65 | 2002/%/EC ON WASTE ELECTRICAL AND ELECTRONIC FOUMPENT (WFFF) |
| All information is subject to change without p | rior notice. Availability of product variants may vary regionally. | (Wildle) |

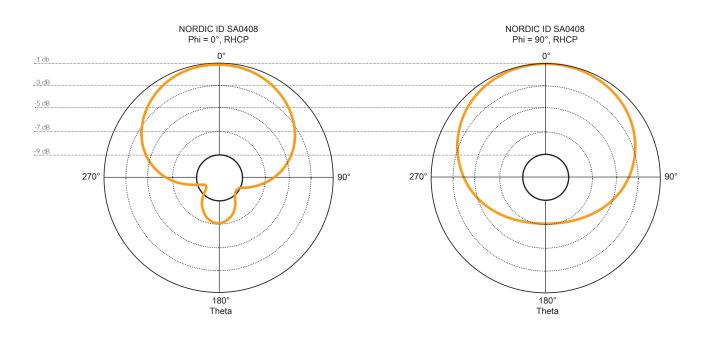
ANTENNA DIMENSIONS







ANTENNA RADIATION PATTERN





nordic¹id

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