

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

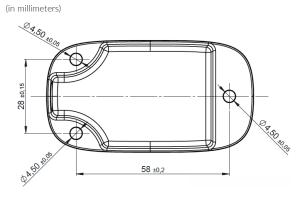
- Compact size yet excellent performance
- on all surfaces, including metal
- ating

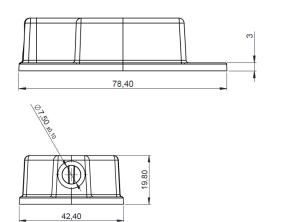
LE APPLICATION AREAS

- 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)

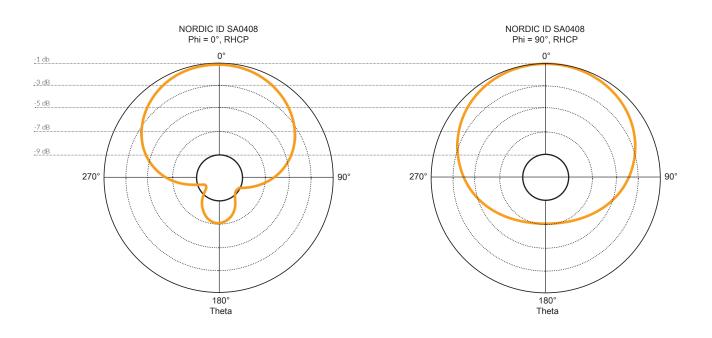
ANTENNA DIMENSIONS







ANTENNA RADIATION PATTERN





nordic¹id

NORDIC ID GROUP Joensuunkatu 7 | FI-24100 Salo, FINLAND tel. +358 2 727 7700 | fax +358 2 727 7720 sales@nordicid.com | www.nordicid.com GERMANY

Nordic ID GmbH | Bielefeld, GERMANY tel. +49 5206 70 84 70 | fax +49 5206 70 847 10 sales@nordicid.com | www.nordicid.de V1010