

The Nordic ID SA0506 is a special antenna that enables UHF RFID reading from both sides of the antenna due to its radiation pattern. The antenna is small in design and offers good reading performance.

The Nordic ID Nordic ID SA0506 is designed to suit special single tag reading applications and applications with special requirements.



UHF RFID	
Frequency band	ETSI 865–868 MHz, FCC 902–928 MHz
Gain	-5.5 dBic
Polarization	RHCP on front side and LHCP on back side of the antenna
Input impedance	50 Ω
VSWR	< 1.5:1
Maximum input power	2 W
Connector	SMA Female connector (with 47 cm / 18.5 inch coaxial cable)
SIZE AND WEIGHT	
Dimensions	(W) 53 x (L) 79 x (H) 7 mm / (W) 2.1 x (L) 3.1 x (H) 0.3 inch
Weight	24.5 g / 0.86 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

**PRODUCT HIGHLIGHTS**

- Compact design that blends in well in different environments
- Due to its radiation pattern, this antenna allows reading from both sides

**SUITABLE APPLICATION AREAS**

- Single tag reading
- Commissioning
- Point-of-sales

Note: Minimum distance to metal surfaces 2cm / 0.8 inch.



All information is subject to change without prior notice.

ANTENNA RADIATION PATTERN

