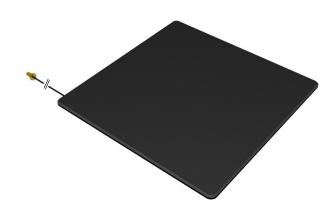
# **NORDIC ID ANTENNAS**

## FLAT ANTENNA FA3030

The Nordic ID flat antennas are designed to suit refined retail environments, as well as indoor logistics, warehouse and manufacturing purposes. These thin and formfitting antennas are typically used in smart shelves, smart cabinets, commissioning and POS applications.



UHF RFID	
Frequency band	ETSI 865 – 868 MHz, FCC 902 – 928 MHz
Gain	3 dBic
Beam width (-3 dB)	60°
Polarization	RHCP
Input impedance	50 Ω
VSWR	< 1.5:1
Maximum input power	10W
Front-to-back ratio	23 dB
Connector	SMA Female connector (with 50 cm coaxial cable)
SIZE AND WEIGHT	
Dimensions	(W) $300 \times (L) 300 \times (H) 7 \text{ mm}$
Weight	810 g
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

- Thin design that blends in well in different environments
- Usable on all surfaces, including metal
- Consistently good reading performance even when the tags are placed directly on the surface

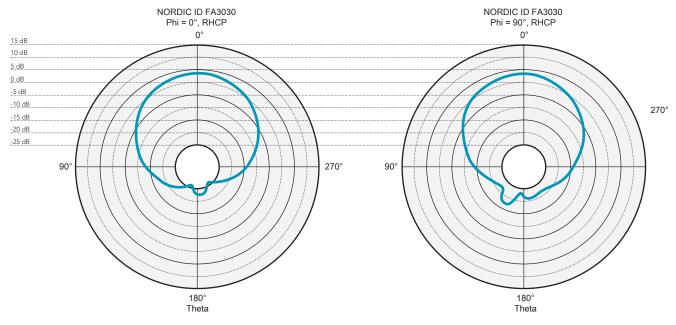
### SUITABLE APPLICATION AREAS

- Smart shelves and cabinets
- CommissioningPOS

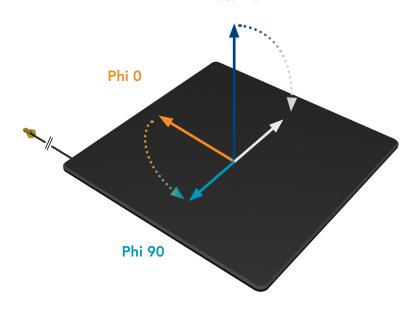


All information is subject to change without prior notice.

# ANTENNA RADIATION PATTERN



Theta 90





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