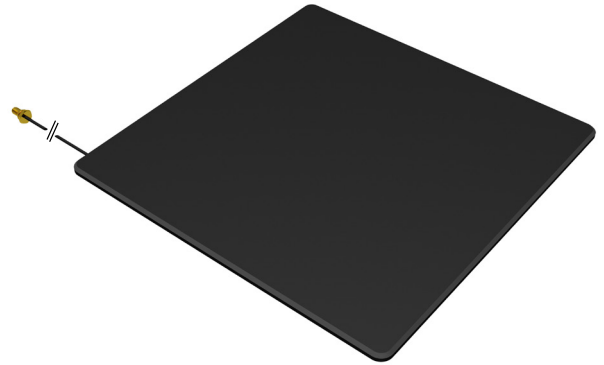


FLAT ANTENNA FA3030

The Nordic ID flat antennas are designed to suit refined retail environments, as well as indoor logistics, warehouse and manufacturing purposes. These thin and form-fitting 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 x (L) 300 x (H) 7 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
- Commissioning
- POS

All information is subject to change without prior notice.



ANTENNA RADIATION PATTERN

