



CHARACTERISTICS

Near-field antenna

- Operating frequency: 860 to 930 MHz
- Input impedance: 50 Ohms
- Maximum input power: 2 W

Applications

- Verification of RFID tags after serialization and printing
- Tag writing
- Reading of densely packed items
- POS - retail points of sale
- Kiosks
- Pharmacies
- Hospitals
- Reading products in the presence of water and metals

The Near Field Identix SNFA antenna was designed for applications requiring precise readings at short distances, with a range of up to 15 cm. It provides a highly intense and uniform magnetic field across its entire active surface, ensuring consistent performance in critical environments.

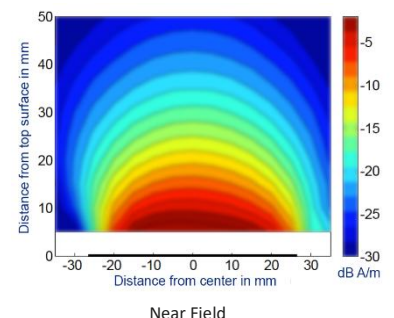
It is especially suitable for identifying items traditionally difficult to read with UHF RFID, such as laboratory samples, vials of medication, cosmetics, beverages, costume jewelry, and other sensitive or small objects.

The absence of "cold spots" and blind spots makes this antenna the ideal solution for applications where it is essential to ensure that only items positioned directly on the antenna are read, such as at counters, dispensing stations, or in precise inventory control.

Its modern, compact, and lightweight design facilitates installation in a wide variety of environments, including hospitals, laboratories, pharmacies, and healthcare centers, combining technical performance with aesthetics and practicality.

Technical Specifications

- Operating frequency: 860 to 930 MHz
- Input impedance: 50 Ohms
- Near-field field strength: -4 dBA/m
- Far-field gain: -24 dBi (tip)
- VSWR: <1.4:1 across the entire operating range
- Maximum input power: 2 W
- Connector: female SMA
- Dimensions: 85 × 35 × 22 mm
- Weight: 35 g
- Part Numbers
 - ID-ANTNF0 – with shielding
 - ID-ANTNF0-NS – without shielding



For more information, visit

idntx.com