



External NFC Antenna Kit Integrates with uTrust 3523 F



External NFC Antenna Kit provides easy integration into uTrust 3523 F, a compact, contactless smart card reader/writer module with digital wallet support..

By interfacing with the external antennas, Identiv's External NFC Antenna Kit enables easy product and application integration.

The external antennas are designed to help application developers and solution providers test different shapes and sizes of NFC antennas in their products and applications.

The antennas come in three sizes: 1 x 1 inch, 3 x 2 inch, and a circular antenna with a 1.5-inch diameter.

All antennas feature a U.FL (IPEX) connector for a 50 Ohm cable and have mounting holes for easy installation.

Additionally, if a customized size or shape is needed, Identiv provides an antenna design service to meet any unique requirement.

Ready to Use




- Easy integration into uTrust 3523 F

Supports Wide Range of Applications

- Different form factors, tuning values and 2 different cable length

Ideal for Test and Integration

- Variable cable lengths

Antenna	Parameters	
 <p>Antenna 1 inch</p>	Antenna Connector	U.FL (IPEX, IPAX, IPX)
	Q-Factor	60
	Tuning Frequency	13.6 MHz \pm 100 kHz
	Impedance Tuning Frequency	27 \pm 3 Ohms
	Physical Dimensions	1 x 1 in (2.54 x 2.54 mm]
	Mounting holes inch [mm]	0.1 [2.5]
 <p>Antenna 1.5 inch circular</p>	Antenna Connector	U.FL (IPEX, IPAX, IPX)
	Q-Factor	30
	Tuning Frequency	13.56 MHz
	Impedance Tuning Frequency	27 \pm 3 Ohms
	Physical Dimensions	1.5 in (3.85 mm)
	Mounting Holes	0.1 in (2.5 mm)
 <p>Antenna 3 x 2 inch</p>	Antenna Connector	U.FL (IPEX, IPAX, IPX)
	Q-Factor	26
	Tuning Frequency	13.5 MHz
	Impedance Tuning Frequency	65 Ohms
	Physical Dimensions	3 x 2 in (7.6 x 5.08 cm)
	Mounting Holes	0.14 in (3.5 mm)
	Antenna Cables	2 in (5 mm) and 10 in (25 mm)

Physical Dimensions and Mounting

