

Product information

Model Number: IDKM-10XX

The IDKM-10XX is a powered tag detacher with an internal near field UHF RFID Antenna designed to read EAS tags with RFID capability when the tag is inserted in the detacher at the point of sale. IDKM SuperTag Detachers are compatible with inventory visibility SuperTag models and other RFID tags to support implementations that use RFID technology to capture data. Inventory visibility tags store identification data that can be captured by an IDKM SuperTag Detacher when it connects to an RFID reader.

The antenna supports these installation configurations:

- Free-standing on a counter or table top.
- Flush Mounted in the counter.

The range of IDKM Detachers includes the following products:

- IDKM-1000 Desk Mount
- IDKM-1010 Flush Mount
- IDKM-1020 Desk Mount
- IDKM-1030 Flush Mount

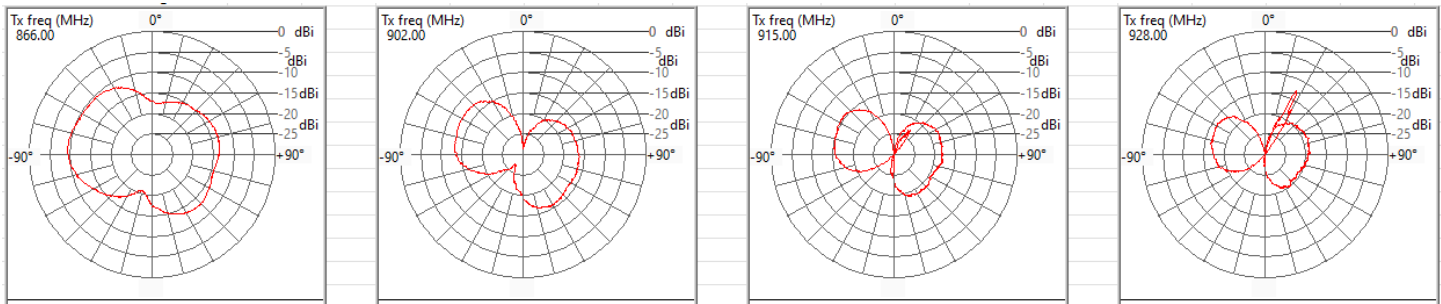
Product code	Description
IDKM-1000	DESK TOP RFID DETACHER
IDKM-1010	FLUSH MOUNT RFID DETACHER
IDKM-1020	DESK TOP,RFID ST4 PWR DETACHER
IDKM-1030	FLUSH MT,RFID ST4 PWR DETACHER

Table 1: Product codes

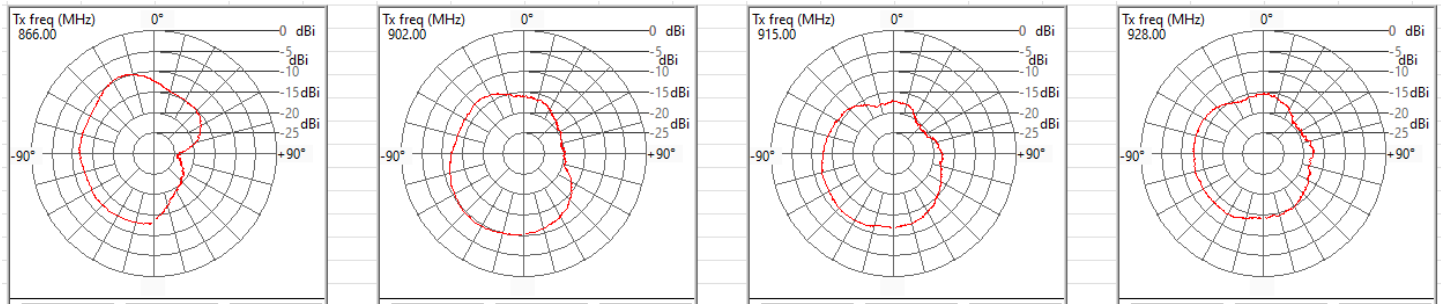
Specification	Description
Operating frequency	902 MHz to 928 MHz and 865 MHz to 868 MHz The antenna is designed at both of these frequency bands.
Antenna technology	Patch
Radiation pattern	Wide beam in both directions
Gain	-8.0 dBiL
Voltage standing wave ratio (VSWR)	<2.0 (50 Ohms)
Beam width; AZ or EL	N/A
Polarization	Linear
Input impedance	50 Ω
Connector	MCX
Regulation	ROHS: EU Directive 2015/863 WEEE: EU Directive 2012/19/EU REACH: EC No 1907/2006 ETSI EN 302 208
IP rating	Indoor antenna IPX0

Temperature range	Operating: − 0°C to 40°C, 32°F to 104°F ambient Storage: −40°C to 70°C, −40°F to 158°F
Humidity	0 to 90% non-condensing
Dimensions	IDKM-1000 and IDKM-1020 Desk Mount mechanical specifications Length: 15 cm (5.9 in.) Width: 10.2 cm (4 in.) Depth: 6.3 cm (2.5 in.) Weight: 1.035 kg (2.3 lbs) IDKM-1010 and IDKM-1030 Flush Mount mechanical specifications Length: 22 cm (8.7 in.) Width: 18 cm (7.1 in.) Depth: 6.3 cm (2.5 in.) Weight: 1.140 kg (2.5 lbs)

Antenna radiation patterns



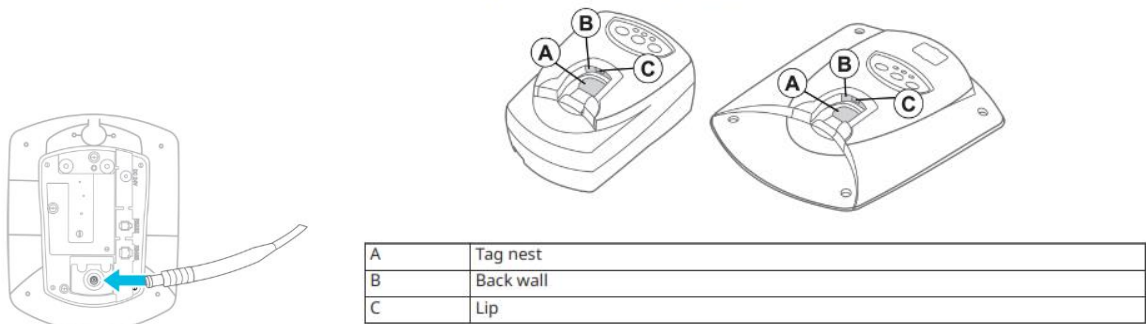
Above: Horizontal Patterns

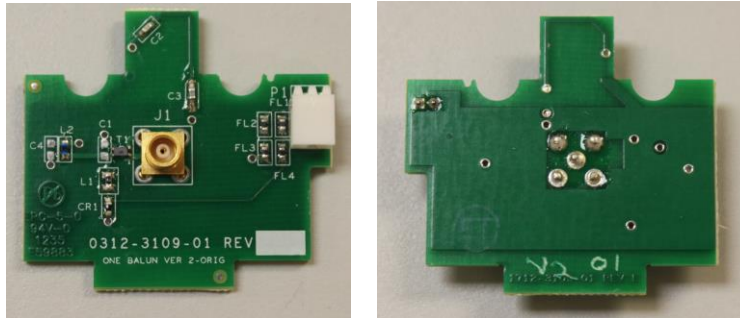


Above: Vertical Patterns

Product images

Figure 1: Components of an IDKM SuperTag detacher





Other declarations

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