UHF RFID · 860–960 MHZ · WET INLAY OR LABEL

ID-9508-FM13UF011E

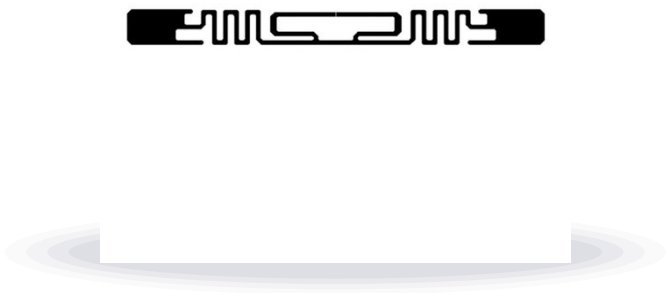
The 9508 UHF antenna on an FM13UF011E chip, as a wet inlay or a printable smart label.

FM13UF011E chip | EPC Gen2 / ISO 18000-6C | Up to 6 m read range | 860–960 MHz | Inlay or label

One inlay for converters and printers.

The **Identium ID-9508-FM13UF011E** pairs the 9508 antenna with the FM13UF011E chip. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz and reads at up to 6 m, for high-volume retail, carton and asset tagging.

Converters take the wet inlay and laminate their own face stock; users who print in-house take the finished smart label, print text and barcode and write the EPC in one pass. The same inlay reads on India's 865–868 MHz readers and ETSI systems abroad.



6 m	860–960	865–868	Gen2	2
Read range, up to	MHz response band	MHz, India and ETSI	EPC air interface	Formats: inlay or label

WHAT IT DOES

Read, convert and print

READ
FM13UF011E chip, 6 m

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz
- India and ETSI 865–868 MHz
- Up to 6 m, reader-dependent

CONVERT
Wet inlay for converters

- Adhesive-backed, unprinted
- Under paper or synthetic stock
- Keep the antenna flat
- Private-label conversion

PRINT
Smart label for printers

- Ready-to-print roll
- Text, barcode and EPC in one pass
- Lock the memory after writing
- Any Gen2 printer-encoder

WHERE IT WORKS

Where it goes

Label conversion	Retail items	Bin labels	Documents	Returnable crates	Campus assets
Converters and private label	Item-level retail tagging	Warehouse bin labels	File and document tracking	Crates in circulation	Campus asset registers

HOW IT WORKS

From a tagged item to your software

Your items
Retail items, cartons and bins, files, crates and campus assets

9508 inlay
UHF INLAY OR SMART LABEL
- Converted, or printed in-house
- Holds the EPC you write at print
- Answers Gen2 readers, 860–960 MHz
- Read at up to 6 m
- Reads in India and on ETSI systems

UHF reader
Gen2 handheld, fixed or desktop reader on 865–868 MHz; up to 6 m

Your software
Retail, warehouse, document or asset software

Print and encode in-house
Our UHF RFID printers print and encode labels in one pass; a desktop UHF reader encodes them at the desk.

WHY THE ID-9508-FM13UF011E

Two formats for two kinds of buyer

Wet inlay for converters
Adhesive-backed and unprinted, for converters who laminate it under their own paper or synthetic face stock.

Smart label for printers
A ready-to-print roll: load it in a UHF RFID printer, print text and barcode, and write the EPC in one pass.

Up to 6 m read range
Depends on antenna and environment; on the item, also on face stock and surface, so test a sample.

Fits an existing UHF system
Any EPC Gen2 reader or encoder reads it: handhelds, fixed readers, desktop encoders and printers.

India and ETSI
Responds across 860–960 MHz, so it reads on India's 865–868 MHz readers and ETSI systems in Europe and the UK.

Lockable memory
Write the EPC at print time and lock the memory bank when it should stay as written.

Made for volume
Built for high-volume retail, carton and asset tagging on cardboard, plastic and wood.

A matching on-metal range
For metal items, keep a spacer between label and metal, or choose our on-metal UHF tags.

CHIP AND AIR INTERFACE

Chip, air interface and range

PARAMETER	ID-9508-FM13UF011E	NOTES
Chip	FM13UF011E	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Any Gen2 UHF reader or printer
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 6 m	Depends on reader, antenna and environment
Formats	Wet inlay or smart label	For converters or in-house printing
Memory lock	Supported	Lock after writing the EPC

AT A GLANCE

- 9508 antenna with an FM13UF011E chip
- Up to 6 m, depending on antenna and environment
- Reads in India and on ETSI 865–868 MHz systems

SUPPLIED AS

- Wet inlay: adhesive-backed and unprinted, for converting
- Printable smart label on a roll, for UHF RFID printers
- Give the format, quantity and any encoding with your quotation request

ORDERING

ID-9508-FM13UF011E	UHF RFID inlay, FM13UF011E chip, EPC Gen2, 860–960 MHz; wet inlay or printable smart label.

SPECIFICATIONS

Technical data

RF AND CHIP	
Frequency	860–960 MHz, covering India's 865–868 MHz band
Protocol	EPC Gen2 / ISO 18000-6C
Chip	FM13UF011E
Read range	Up to 6 m; depends on the antenna and environment

SUPPLY	
Formats	Wet inlay or printable smart label
Markets	India 865–868 MHz and ETSI 865–868 MHz

INLAY	
Antenna	9508 design
Substrate	Thin and flexible, for flat and curved surfaces
Surfaces	Cardboard, plastic and wood

ENCODING AND READING	
Readers	Any EPC Gen2 UHF reader set to 865–868 MHz: handheld, fixed or desktop
Encoding	UHF RFID printer-encoder or desktop UHF reader
Printing	UHF RFID label printer, in the same pass as encoding

PRODUCT VIEWS

The UHF inlay antenna



Run a sample roll on your reader.

Ask for a quotation with the format (wet inlay or label), the quantity and any encoding you need, and test a sample at your working distance.

www.indiarfidstore.com
marketing@indiarfidstore.com
+91 70110 01472

Read range depends on the card or tag, its size and the environment. Specifications are indicative and may change without notice; confirm details for your order in the quotation.