1NCE FLEXSIM

FlexSIM (Half Size) Datasheet & Packaging

Cologne, 2020

CONTENT

INTRODUCTION

The 1NCE IoT FlexSIM is a standard commercial grade 3in1 SIM. This document provides an overview of the SIM specifications as well as the look and feel of the card and the packaging and labelling.

TECHNICAL DATA SHEET

KEY STANDARD COMPLIANCE

- Global Platform 2.3
- ETSI TS 101 220
- ETSI TS 102 221
- 3GPP TS 31.101
- 3GPP TS 31.111
- 3GPP TR 31.900
- 3GPP TR 31.919

HARDWARE FEATURES

- Ruggedized Form Factors
  - 2FF (Standard SIM)
  - 3FF (Micro SIM)
  - 4FF (Nano SIM)
- Operating Voltage
  - Class A,B,C (1.8V – 5.0V +-10%)
- Environmental Temperature Range
  - -25°C +85°C

SOFTWARE FEATURES

- Supported Bearers
  - 2G
  - 3G
  - 4G
  - LTE-M
  - NB-IoT
- Data Retention
  - 10 years
- Read/Write Cycles
  - 500,000

SIM LAYOUT

Our 1NCE IOT FlexSIM SIM cards are produced in half size form in order to save on plastic wastage.

On the back of the cards is a barcode and numerical representation of the EAN code and the ICCID.

Figure 1: Front and back side of the SIM card

PACKAGING METHOD

The SIM cards come in 5 different packaging sizes:

- Singles
- 5 packs
- 25 packs
- 100 boxes
- 500 boxes

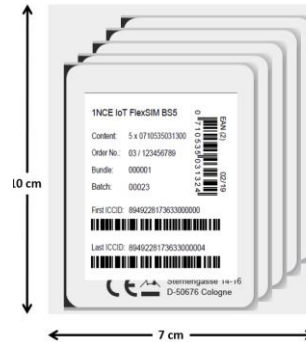The 5 and 25 packs come in a plastic wrap with a label on the front.

5 SIMs

25 SIMs

Figure 2: 5 pack wrap

Figure 3: 25 pack wrap

PACKAGING METHOD cont

Both the 100 and 500 boxes have a label on the front of the box and the SIMs are packed in sequence, lowest to highest, according to their ICCIDs.
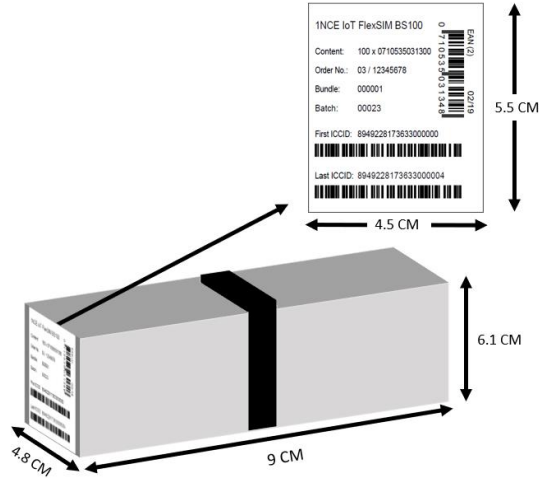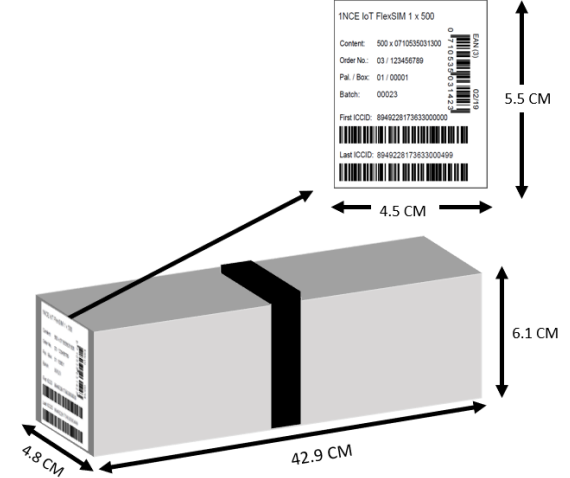

Figure 4: 100 SIM box

Figure 5: 500 SIM box

PACKAGING METHOD cont

For orders of 50,000 a pallet will be shipped. This will consist of 100 x 500 boxes. Each box will have its own label and there will also be a pallet label included.
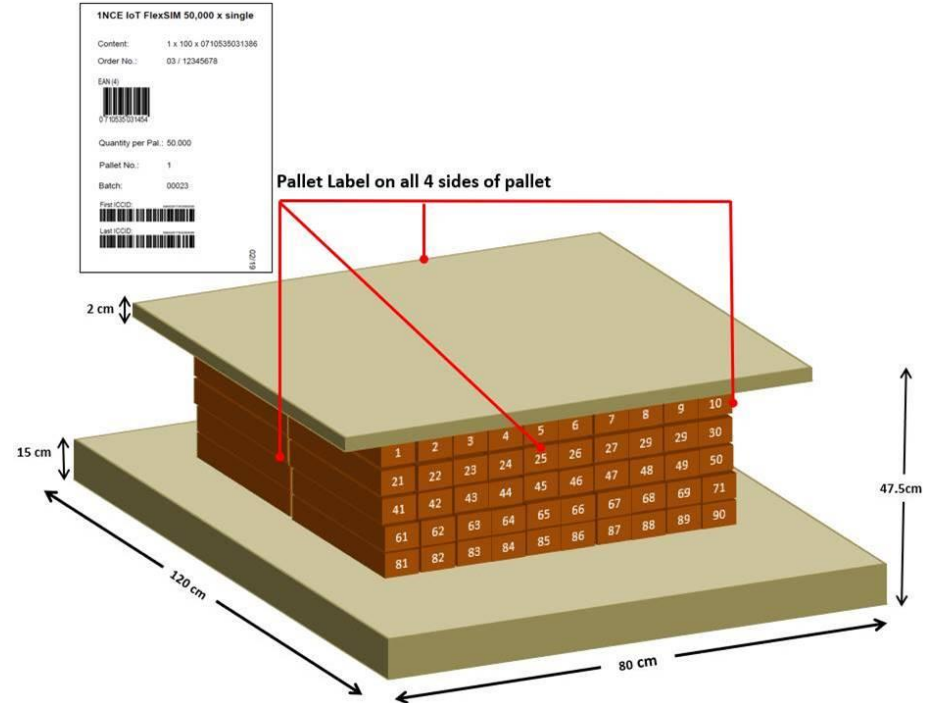

Figure 6: Pallet dimensions

LABELING

Labels are found on all the individual SKU packages (except singles where the information is lasered onto the card) and also on the pallet. The information includes a scannable first and last ICCID number and EAN code.

1NCE IoT FlexSIM BS100

Content: 100 x 0710535031300
Order No.: 03 / 12345678
Bundle: 000001
Batch: 00023
First ICCID: 8949228173633000000

Last ICCID: 8949228173633000004

EAN (2) 0 7 1 0 5 3 5 0 3 1 3 4 8 02/19

Figure 7: 100 box SIM label

1NCE IoT FlexSIM 5 x 100

Content: 5 x 0710535031348
Order No.: 03 / 12345678
Pal. / Box: 01 / 00001
Batch: 00023
First ICCID: 8949228173633000000
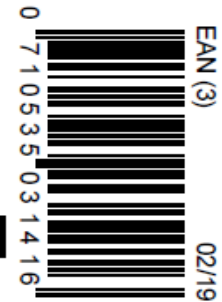
Last ICCID: 8949228173633000499

EAN (3) 0 7 1 0 5 3 5 0 3 1 4 1 6 02/19

Figure 8: 500 box SIM label