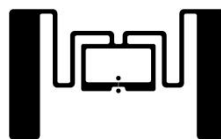


Overview

Frequency Band

860MHz-960MHz



Chip

NXP UCODE9

Antenna Dimensions

30x50mm/1.181*1.969INCH

International Standard

ISO/IEC 18000-63 Type C

Applications

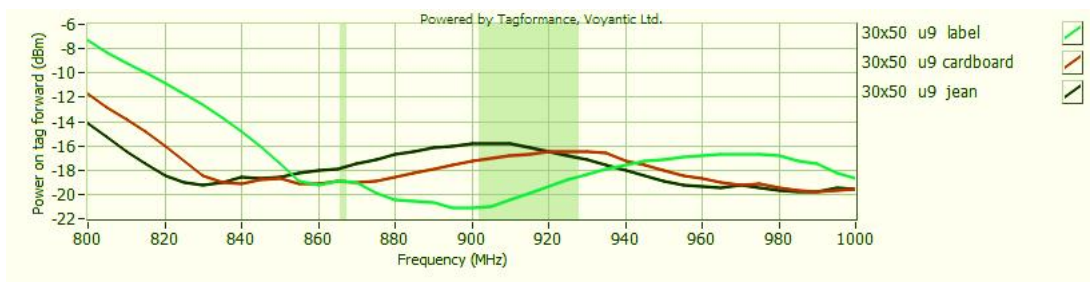
Apparel

This antenna is designed for Apparel applications. Its high efficiency and excellent performance make it widely used in Apparel field. Using RFID technology to help the fashion industry brands in supply chain management, retail management and the enterprise internal management to achieve rapid scanning and reading, and then implement products from raw materials to semi-finished products, finished products, transportation, warehousing, distribution, merchandising, sales, and even return of real-time monitoring, safe and reliable management mode is established.

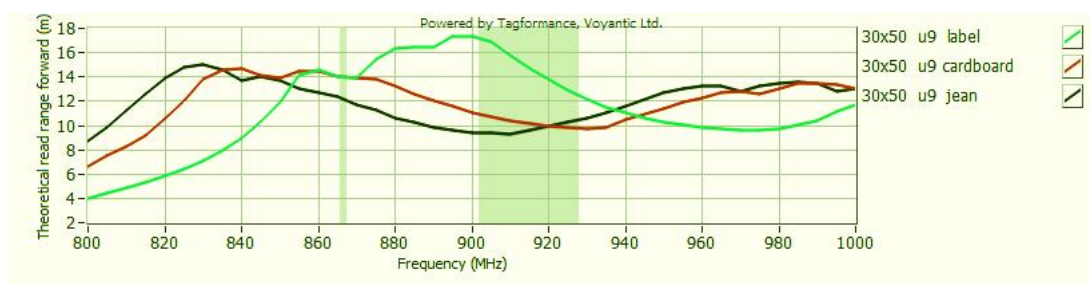
Technical Features

| Model | OS31268 | OS32143 | OS331392 |
|-----------------------|---|------------------|------------------|
| Delivery Format | Dry Inlay | Wet Inlay | Label |
| EPC Memory | 96Bits | 96Bits | 96Bits |
| User Memory | 0Bits | 0Bits | 0Bits |
| Die-cut Dimension | - | 54*34mm | 54*34mm |
| Inlay Substrate | 50um PET | 50um PET | 50um PET |
| Standard Pitch | 35.983mm | 35.983mm | 35.983mm |
| Web Width | 63mm | 65mm | 65mm |
| Core Size | 76.2mm/3inch | 76.2mm/3inch | 76.2mm/3inch |
| Quantity / Reel | 10000 ± 300Pcs/Reel | 3000 ± 2Pcs/Reel | 2500 ± 2Pcs/Reel |
| Operating Temperature | -20℃ to +50℃ (20% to 80%RH) | | |
| Remarks | Wet inlay and Label are regular size. Other size can be customized. | | |

Sensitivity



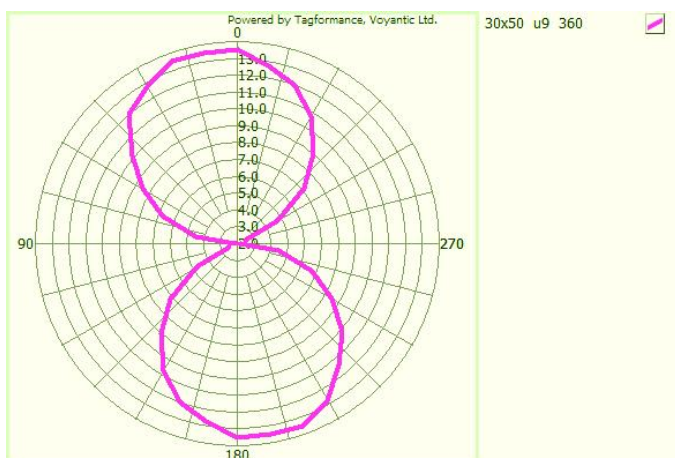
Read Range



Sensitivity&Read Range Test power: 4W EIRP

For countries that allow 2W ERP, please reduce the result by 11%

Orientation sensitivity



All graphs are indicative: performance in real life applications may vary.