

Shortdipole

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

NXP UCODE G2iL

Antenna Dimensions

93 x 11.05 mm / 3.661 x 0.435 in

International Standard

ISO 18000-6C, EPC Class 1 Gen 2

Industry Segments

Apparel
Logistics
Industrial Applications

Applications

Returnable Transport Units (RTUs)
Supply Chain Management
Brand Protection

RoHs

EU Directive 2011/65/EU and
2015/863 Compliant

REACH

Regulation (EC) No 1907/2006



Excellent global performance on various materials

Our Shortdipole inlays and tags are designed and optimized for global retail, industry and supply chain applications, offer excellent global performance also on lower detuning materials like cardboard and plastic.

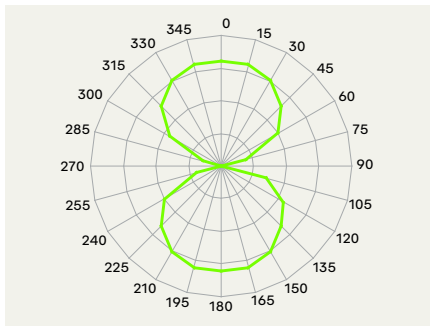
Shortdipole inlays and tags are a size-optimized 101 mm / 4 inch form factor, making them suitable for use with a wide range of supply chain labels, and are available in dry, wet and label / sticker delivery formats. They are available with the NXP UCODE G2iL chip. That chip offers a unique TID with a 128-bit memory feature.

Our inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs, enhancing RFID usage for difficult-to-tag materials.

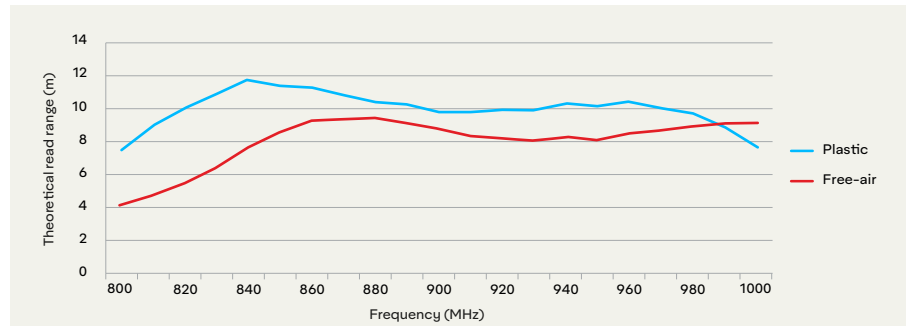
Technical features

Chip	NXP UCODE G2iL		
EPC and User Memory	128-bit and n/a		
TID Memory	64-bit / 32-bit unique serial number		
Product Code	3002042	3002043	3002044
Delivery Format	Dry inlay	Wet inlay	Label / sticker
Die-cut Dimension	-	97 x 15 mm / 3.819 x 0.591 in	97 x 15 mm / 3.819 x 0.591 in
Inlay Substrate	PET		
Face Sheet	Clear PET	Clear PET	Opaque Matt Paper 79
Standard Pitch	20 mm / 0.787 in		
Web Width	97 mm / 3.82 in	100 mm / 4 in	100 mm / 4 in
Core Size	76 mm / 3 in		
Quantity / Reel	20000 pcs/reel	20000 pcs/reel	5000 pcs/reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F		
Certificate	ARC		

Orientation sensitivity



Read range



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

Contact information

rfid.averydennison.com/contact

North America: +1-866-903-7343 (toll free US)

International: +1-678-617-2359



© 2021 Avery Dennison Corp. All rights reserved. 170 Monarch Lane, Miamisburg, OH 45342, USA Third party trademarks and/or trade names used herein are the property of their respective owner(s). Some of the trademarks appear for identification purposes only.

Warranty: Please refer to Avery Dennison standard terms and conditions: rfid.averydennison.com/termsandconditions

Care and handling: RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and static charge to a minimum.

Applications: This product should be tested by the customer / user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

