

AD Shortdipole G2iL

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 18000-63, 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/EC and
Directive (EU) 2015/863

REACH

Regulation (EC) No. 1907/2006



Excellent global performance on various materials

Our AD 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.

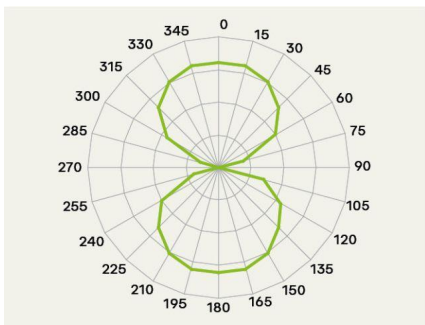
AD Shortdipole inlays and tags are a size-optimized 100 mm / 4 inch form factor, making them suitable for use with a wide range of supply chain labels, and are available in dry, wet and label / sticker delivery formats. They are available with the NXP UCODE G2iL chip. That chip offers a unique TID with 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.

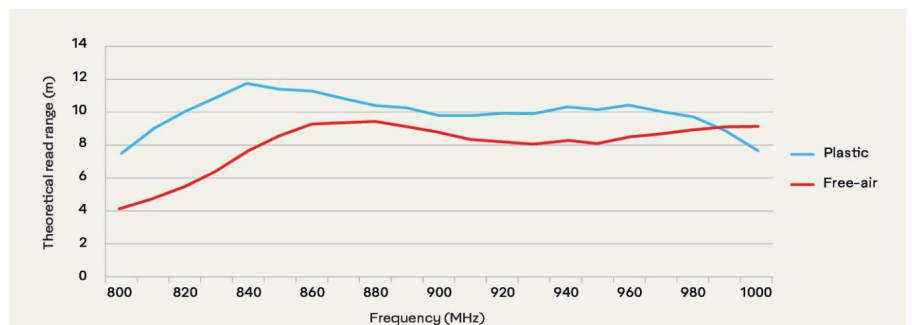
Technical features

Chip	NXP UCODE G2iL
EPC and User Memory	128-bit
TID Memory	96-bit / 32-bit unique serial number
Product Code	3002043 / IL-602615
Delivery Format	Wet inlay+
Die-Cut Dimension	97 x 15 mm / 3.819 x 0.591 in
Inlay Substrate	PET
Face Sheet	Clear PET
Standard Pitch	20 mm / 0.787 in
Web Width	100 mm / 4 in
Core Size	76 mm / 3 in
Quantity / Reel	20.000 pcs/reel 20.000 pcs/box
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

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Connect with us on:



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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.

