

# AD-720



[Print](#)



**Antenna Size:**  
Diameter: 36mm

## Features:

- Optimized for CD/DVD hub placement and for multimedia disk management applications
- ISO 15693 and ISO 18000-3 Mode 1 compliance for Interoperability
- Copper Antenna material for long read range enhancement
- Built in security features
- Available in high yield / high capacity rolls which integrate seamlessly into high-volume converting processes

**Market Applications:** Media Management

## Electrical Characteristics

Operating Frequency	13.56MHz
Integrated Circuit [IC] – Manufacturer & IC Name	NXP ICODE SLI
RF Communications Protocol	ISO 15693 and ISO 18000-3 Mode 1
Memory	896 bits EEPROM Read/Write User Memory

## Environmental

Operating Temperature	-40F to 185F [-40C to 85C]
RoHS	Designed to comply with EU Directive 2002/95/EC

## Inlay Roll Format / Finishing

Un-wind direction	inlay / label side out
Core size with adaptor insert	3 in [76.2 mm]
Maximum roll outer diameter [not to exceed]	13 inches [33 cm]

## Part Details for AD-720 (Total 2 Parts)

<b>Part Number</b>	<b>700005</b>
Chip	NXP ICODE SLI
Antenna dimensions, [CDxMD]	Diameter 36 mm
Die-cut dimensions	N/A
Inlay-to-liner adhesive	N/A
Liner material	N/A
Total thickness over chip [typical]	TBD
Standard pitch	1.88 inches [47.63 mm]
Standard web widths	1.88 inches [47.63 mm]
Inlay substrate material	PET
Quality assurance	100% tested and out of tolerance inlay marked
Average number of units per roll	5000

Rev	01
<b>Part Number</b>	<b>700006</b>
Chip	NXP ICODE SLI
Antenna dimensions, [CDxMD]	Diameter 36 mm
Die-cut dimensions	Diameter 1.496 inches [38 mm]
Inlay-to-liner adhesive	S490 emulsion acrylic (Fasson®)
Liner material	40#SCK (Fasson®)
Total thickness over chip [typical]	TBD
Standard pitch	1.875 inches [47.63 mm]
Standard web widths	1.875 inches [47.63 mm]
Inlay substrate material	PET
Quality assurance	100% tested good prior to shipment
Average number of units per roll	5000
Rev	01

**CARE AND HANDLING RFID** inlays are sensitive to ESD. Observe standard practices to keep environment static charge to a minimum.

**APPLICATIONS** This product should be tested by the customer/user thoroughly under end use conditions to ensure the product is fit for any particular purpose or use.

**WARRANTY** Please refer to Avery Dennison RFID standard terms and conditions. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

**PRODUCT CHANGES** Avery Dennison RFID reserves the right to modify, change, supplement of discontinue product offerings at any time without notice.

**TRADEMARK STATEMENT** Avery Dennison, S490 and Fasson® are trademarks of Avery Dennison Corporation. For the most recent information on Avery Dennison products, visit [www.rfid.averydennison.com](http://www.rfid.averydennison.com).

### Avery Dennison RFID

North America

866 903 RFID (7343)

Mexico +55 5093 0100

Europe +352 50 46 50 1

Asia Pacific +852 9163 1313

[rfid.info@averydennison.com](mailto:rfid.info@averydennison.com)

[www.rfid.averydennison.com](http://www.rfid.averydennison.com)



**Hong Kong**  
Tel: 852-23702227  
Fax: 852-23702054  
[sales@sysscan.com.hk](mailto:sales@sysscan.com.hk)

**China & Hong Kong**  
**Guangzhou**  
Tel: 86-20-87610063  
Fax: 86-20-87610213  
[gz\\_sales@sysscan.com.hk](mailto:gz_sales@sysscan.com.hk)

**Shanghai**  
Tel: 86-21-62825319  
Fax: 86-21-62825283  
[sh\\_sales@sysscan.com.hk](mailto:sh_sales@sysscan.com.hk)

[www.sysscan.com.hk](http://www.sysscan.com.hk) or [www.sysscan.com.cn](http://www.sysscan.com.cn)