



**ZEBRA**

# Alien ALN9840 Inlay

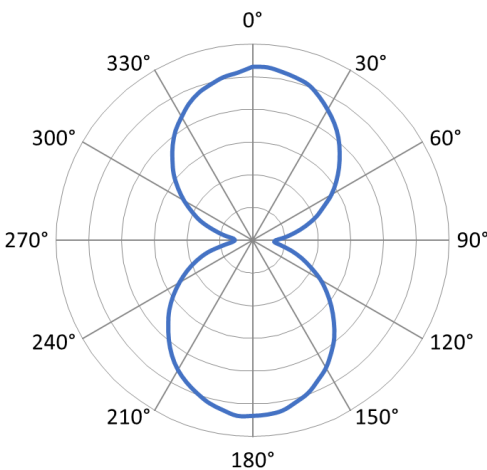
## FEATURES

- Popular inlay for 4" labeling applications (inlay size 95 x 8mm)
- Applications: Case / Pallet, item tracking
- Pre-tested with Zebra printers and readers
- Global item – works with FCC and ETSI frequencies
- Inlay performance has been tested and profiled by Auburn University RFID Lab and has been added to the ARC Performance Data Library

## ADDITIONAL DETAILS

- IC: Alien Higgs EC
- Read Sensitivity: -22.5dBm
- Write Sensitivity: -19dBm
- EPC memory: 128 bits
- User memory: 128 bits
- TID: 80 bit factory locked (unique)
- EPC Gen2v2

## ORIENTATION SENSITIVITY



## THEORETICAL \* READ RANGES ON VARIOUS SURFACES (m)

Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	13	10
Cardboard	9	10
Fiberglass	8	10
Glass	8	8
PTFE	10	10
Polyacetyl	8	10
PVC	9	11
Rubber	9	10

\*Theoretical read range data is meant to be directional. Actual performance will depend on your application and environment. Testing is recommended.

## SUGGESTED APPLICATIONS

- RFID labeling 
- Case/pallet labeling 
- Transportation & Logistics 
- Warehouse labeling 



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