

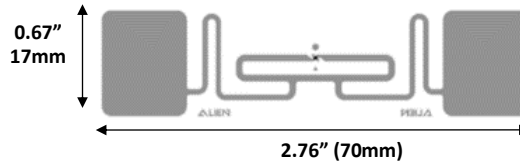


ZEBRA

Alien ALN9862 Inlay – “Short”

DETAILS

- General Purpose inlay
- Applications: Case / Item tracking
- Meets Auburn ARC Specs:
A, B, C, D, F, G, I, K, L, M, N, Q



SUGGESTED APPLICATIONS

- Case labeling



TECHNICAL INFORMATION

- Chip: Alien Higgs EC
 - EPC memory: 128 bits
 - User memory: 128 bits
 - TID: 80 bit factory locked (unique)
 - Read Sensitivity: -22.5dBm
 - Write Sensitivity: -19dBm
 - EPC Gen2v2
- High sensitivity chip with read ranges up to 12m

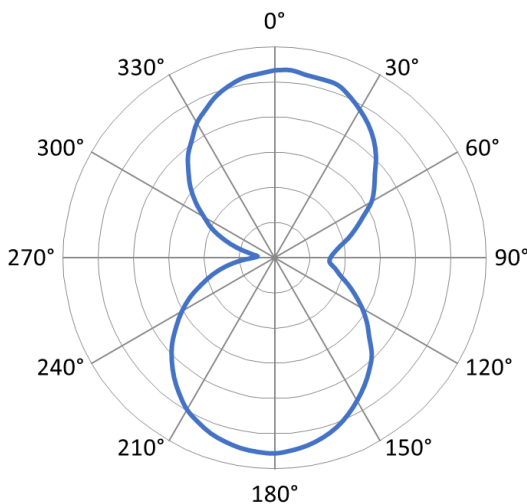
THEORETICAL** READ RANGES ON VARIOUS SURFACES (m)

Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	8	10
Cardboard	11	10
Fiberglass	8	9
Glass	6	6
PTFE	12	10
Polyacetyl	9	10
PVC	10	10
Rubber	8	9

- Item level tracking



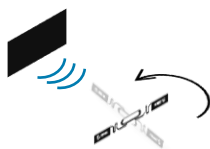
RADIATION PATTERN*



* Read range drops to 12% of maximum when inlay is perpendicular (90° and 270°) to the reading antenna.

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

All inlays certified by Zebra have been pre-tested with Zebra printers and readers. For more information on Auburn's ARC specifications, testing, and the certification process, please go to rfid.auburn.edu.



For more information, visit www.zebra.com/supplies

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