MATERIALS SPEC SHEET
Alien ALN9862 Inlay

Alien ALN9862 Inlay – “Short”

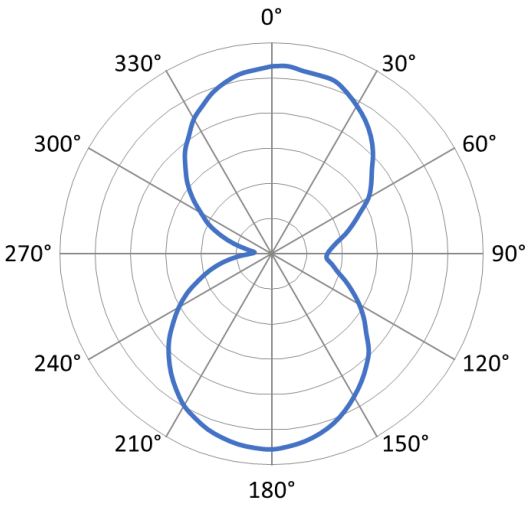
DETAILS

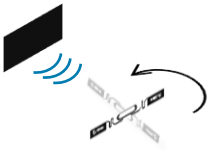
- General Purpose inlay
- Applications: Case / Item tracking
- Meets Auburn ARC Specs:
  A, B, C, D, F, G, I, K, L, M, N, Q

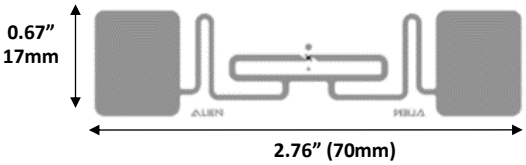
TECHNICAL INFORMATION

- 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

RADIATION PATTERN*







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

* Read range drops to 12% of maximum when inlay is perpendicular (90º and 270º) 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.

SUGGESTED APPLICATIONS

- Case labeling

- Item level tracking

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

NA and Corporate Headquarters | +1 800 423 0442 | inquiry4@zebra.com

Nov 2019