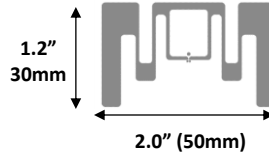# BoingTech BT0546 Inlay

ZEBRA

DETAILS

- General Purpose inlay
- Applications: Item level tracking
- Meets Auburn ARC Specs:
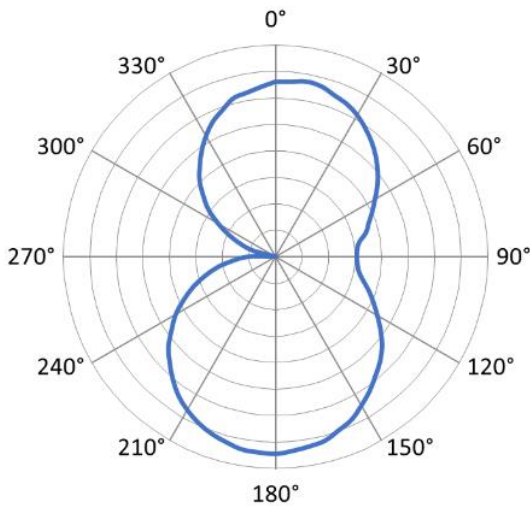 A, B, C, D, F, G, I, K, L, M, N, Q, W1, W1, W3, W4, W5

TECHNICAL INFORMATION

- Chip: NXP UCODE 8
  - EPC memory: 128 bit
  - User memory: N/A
  - TID: 96 bit factory locked (48 bit unique)
  - Read Sensitivity: -23dBm
  - Write Sensitivity: -18dBm
  - EPC Gen2v2
- High sensitivity chip with read ranges up to 15m

RADIATION PATTERN*

1.2"
30mm

2.0" (50mm)

THEORETICAL** READ RANGES ON VARIOUS SURFACES (m)

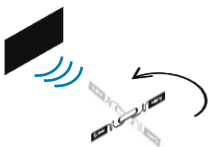| Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	8	7
Cardboard	8	7
Fiberglass	7	10
Glass	11	15
PTFE	8	7
Polyacetyl	7	7
PVC	7	7
Rubber	9	15

* Read range drops to 0% 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

- Item level tracking

RAIN RFID   **ARC**

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