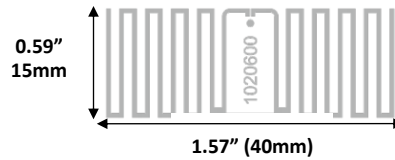# BoingTech BT0600 Inlay

ZEBRA

DETAILS

- General Purpose inlay
- Applications: Item tracking
- Meets Auburn ARC Specs:
 A, B, C, D, G, M, Q

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
- Good sensitivity chip with read ranges up to 10m in free space

RADIATION PATTERN*

0.59" 15mm

1.57" (40mm)

THEORETICAL** READ RANGES ON VARIOUS SURFACES (m)

| Material	ETSI (865-868 MHz)	FCC (902-928 MHz)
Air	6	10
Cardboard	6	7
Fiberglass	3	4
Glass	3	2
PTFE	7	7
Polyacetyl	4	5
PVC	4	6
Rubber	3	2
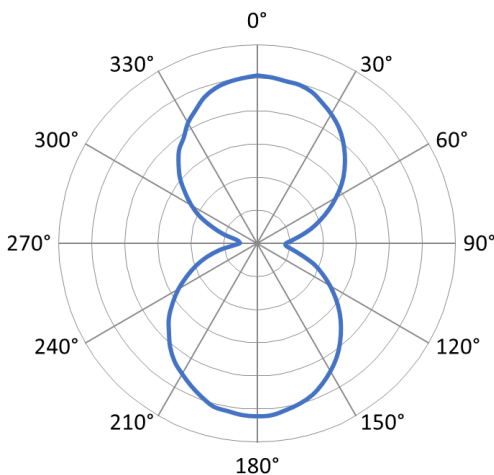
* Read range drops to 11% of maximum when inlay is perpendicular (90º and 270º) to the reading antenna.

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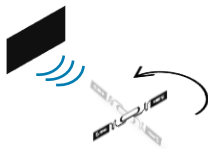
For more information, visit www.zebra.com/supplies