# Boingtech BT0600 Inlay

**ZEBRA**

## FEATURES

- Small form factor (40 x15 mm) inlay can be used in a variety of item tracking applications
- Pre-tested with Zebra printers and readers
- Applications: Small items inventoried with a handheld RFID reader
- 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: NXP UCODE 8
- Read Sensitivity: -23dBm
- Write Sensitivity: -18dBm
- EPC memory: 128 bit
- User memory: N/A
- TID: 96 bit factory locked (48 bit unique)
- EPC Gen2v2

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

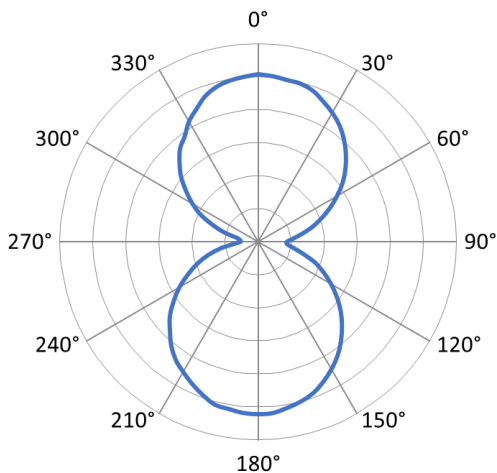| Material | ETSI (865-868 MHz) | FCC (902-928 MHz) |
|---|---|---|
| Air | 6 | 10 |
| Cardboard | 6 | 7 |
| Fiberglass | 3 | 4 |
| Glass | 3 | 2 |
| PTFE | 7 | 7 |
| Polyacetyl | 4 | 5 |
| PVC | 4 | 6 |
| Rubber | 3 | 2 |

*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

- Small item tracking

## ORIENTATION SENSITIVITY



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